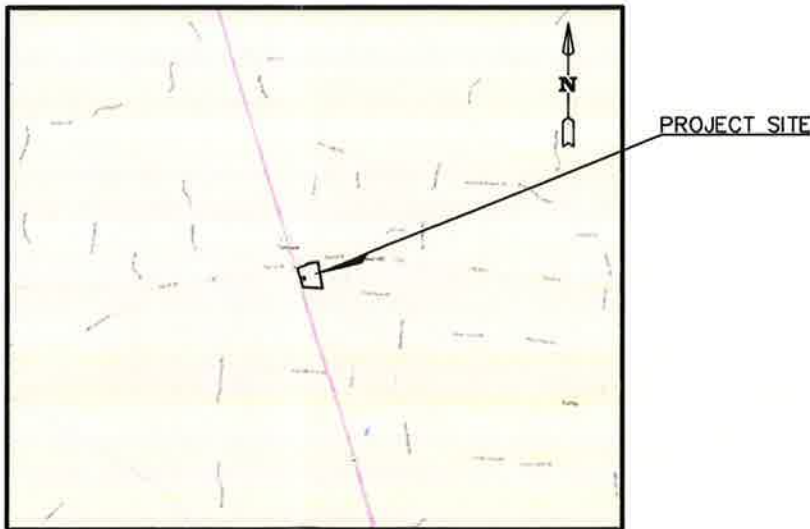


PROPOSED CONSTRUCTION PLANS
FOR
LOVE'S TRAVEL STOP & COUNTRY STORE
U.S. HIGHWAY 45 AND STATE HIGHWAY 57
EASTVIEW, TN

SHEET	SHEET TITLE
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VICINITY MAP
SCALE: 1" = 1 MILE



OCTOBER 6, 2016

Chipola Engineering Group, Inc.



CIVIL ENGINEERING, DESIGN, PLANNING,
ENVIRONMENTAL PERMITTING, &
CONSTRUCTION SERVICES
4420 JACKSON STREET, MARIANNA, FL 32448
PHONE (850) 372-4045
CERTIFICATE OF AUTHORIZATION NO. : 30579

PROJECT NAME:	Love's Travel Stop		
PARCEL NUMBER:	130 097.00		
CLIENT:	Love's Travel Stops & Country Stores P.O. Box 26210 Oklahoma City, OK 73126 (405) 749-1744, Phone (405) 749-9122, Fax		
ENGINEER OF RECORD:	Chipola Engineering Group, Inc. 4420 Jackson St. Marianna, FL 32448 (850) 372-4045, Phone		
SURVEYOR OF RECORD:	Herndon, Hicks, & Associates, Inc. 2728 Lurleen Wallace Blvd. Northport, AL 35476 (205) 333-0003, Phone (205) 333-0178, Fax		
REVISIONS			
SHEET	DATE	INITIAL	DESCRIPTION

PROJECT DATA

REVISION DATA



FOR PERMITTING ONLY

PROJECT NAME: Love's Travel Stop
Eastview, TN
PROJECT NO.: 2015003

NOTES

GENERAL:

1. PRIOR TO COMMENCING CONSTRUCTION IN THE CITY, COUNTY OR STATE RIGHT-OF-WAY, THE CONTRACTOR SHALL LOCATE AND VERIFY ALL EXISTING PRIVATE AND PUBLIC UTILITIES. THE CONTRACTOR SHALL COORDINATE WITH THE APPROPRIATE UTILITY PROVIDER FOR ANY NECESSARY UTILITY RELOCATIONS REQUIRED TO CONSTRUCT THE PROPOSED PLAN. ALL COSTS ASSOCIATED WITH PRIVATE AND/OR PUBLIC UTILITY RELOCATIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. (TENNESSEE ONE CALL # 1-800-351-1111)

2. WHERE REFERENCE IS MADE TO A STANDARD INDEX OR DETAIL, THE TDOT STANDARD ROADWAY DRAWINGS SHALL BE USED AS IF A PART OF THIS PLAN.

3. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. THE CONTRACTOR SHALL ALSO MAINTAIN SEDIMENT CONTROL DEVICES DURING CONSTRUCTION TO PREVENT SEDIMENT FROM LEAVING THE SITE AND SHALL COMPLY WITH ALL APPLICABLE REGULATIONS CONCERNING EROSION AND SEDIMENT CONTROL. EROSION CONTROLS SHOWN ON THE PLANS ARE MINIMUM REQUIREMENTS. ANY ADDITIONAL EROSION CONTROLS REQUIRED TO PREVENT SEDIMENT FROM LEAVING THE SITE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ADDITIONALLY, STORMWATER RUNOFF SHALL BE CONTROLLED DURING THE COURSE OF CONSTRUCTION IN SUCH A MANNER AS TO NOT DETRIMENTALLY AFFECT ADJACENT PROPERTIES.

4. UNLESS OTHERWISE INDICATED OR MODIFIED ON THE PLANS OR SPECIFICATIONS, THE TDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2015 EDITION, AND SUPPLEMENTAL SPECIFICATIONS THERETO, SHALL BE THE GOVERNING SPECIFICATIONS FOR MATERIALS AND CONSTRUCTION FOR THE SITE WORK.

5. UNLESS OTHERWISE SPECIFIED BY THE OWNER, ALL AREAS DISTURBED BY CONSTRUCTION SHALL RECEIVE 4 INCHES OF TOPSOIL AND SODDED WITH BERMUODA 500, TEMPORARY SOIL STABILIZATION SHALL BE IN ACCORDANCE WITH THE S.W.P.P. PLAN.

6. EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED AT ALL INLETS AND MANHOLES IN ACCORDANCE WITH TDOT EROSION CONTROL STANDARD DRAWINGS AND THE TENNESSEE EROSION & SEDIMENT CONTROL HANDBOOK AND SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL ALL ADJACENT AREAS ARE STABILIZED.

7. STORM DRAIN PIPE LENGTHS SHOWN ARE EDGE OF STRUCTURE TO EDGE OF STRUCTURE.

8. ALL PAVEMENT STRIPING, MARKINGS, AND SIGNAGE SHALL BE IN ACCORDANCE WITH TDOT STANDARD ROADWAY DRAWINGS AND THE CURRENT MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

PAVEMENT:

1. PAVEMENT DESIGNS AS SHOWN IN THE PLANS ARE TAKEN FROM THE GEOTECHNICAL ENGINEERING REPORT PREPARED BY TERRACON CONSULTANTS, INC. DATED JANUARY 29, 2016. THIS REPORT SHALL BE REFERENCED FOR CONIFICATIONS AND DETAILED RECOMMENDATIONS. THIS REPORT SHALL BE MADE A PART OF THESE PLANS.

2. TOLERANCES FOR ALL FINISH GRADES @ 0.1' +/-

UTILITIES:

1. THE CONTRACTOR SHALL PERFORM A MINIMUM OF 2 AIR TESTS ON THE PROPOSED SEWER MAIN AND SERVICES. THE FIRST AIR TEST SHALL BE PERFORMED IMMEDIATELY AFTER COMPLETION OF CONSTRUCTION OF THE SEWER GRAVITY MAIN AND SERVICES AND PRIOR TO ROADWAY BASE CONSTRUCTION AND PAVING. THE SECOND TEST SHALL BE PERFORMED AFTER INSTALLATION OF ALL OTHER UTILITIES, I.E. WATER, ELECTRIC, CABLE, TELEPHONE.

2. "CROSSINGS" IN COMPLIANCE WITH THE IRRIGATION DESIGN; THE CONTRACTOR SHALL FURNISH AND INSTALL PIPING BENEATH ALL PAVED AREAS FOR THE FUTURE INSTALLATION OF IRRIGATION PIPING AND ELECTRIC CONTROLS. A PLAN DELINEATING THE SIZE AND LOCATION OF THE IRRIGATION CROSSING IS INCLUDED IN THE PLAN SET. ADDITIONAL CROSSING SLEEVES MAY BE REQUIRED AS DESIGN BECOME AVAILABLE FOR CABLE AND TELEPHONE. THIS IS IN ADDITION TO THE REQUIREMENT BY THE ELECTRIC DEPARTMENT FOR THE INSTALLATION OF ELECTRIC CROSSING.

3. SEE THE UTILITY PLAN FOR APPLICABLE NOTES AND SPECIFICATIONS CONCERNING WATER DISTRIBUTION AND SANITARY SEWER COLLECTION SYSTEMS. WATER AND SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF JASPER WATER & SEWER SPECIFICATIONS. THE CONTRACTOR SHALL PROVIDE AS BUILT DRAWINGS OF THE WATER AND SEWER SYSTEM.

4. DEFLECTION TESTING SHALL BE IN ACCORDANCE WITH LOCAL STANDARDS. TESTING SHALL BE CONDUCTED AFTER INSTALLATION OF NO MORE THAN 3 GRAVITY SEWER LINES (4 MANHOLES), OR 800' OF GRAVITY SEWER MAIN. THE GRAVITY SEWER MAIN TRENCH SHALL BE PROPERLY BACK FILLED PRIOR TO TESTING. THE CONTRACTOR SHALL COORDINATE THE DATE AND TIME OF TESTING NO LATER THAN 48 HOURS IN ADVANCE.

SWMF:

1. CONSTRUCTION TOLERANCES FOR STORMWATER MANAGEMENT FACILITY (SWMF): SHAPE THE SURFACE OF THE EARTHWORK TO CONFORM TO LINES, GRADES & CROSS-SECTION SHOWN IN THE PLANS. IN FINAL SHAPING OF THE SURFACE OF EARTHWORK, MAINTAIN A TOLERANCE OF 0.1 FOOT ABOVE OR BELOW THE PLAN LINES, & CROSS-SECTIONS. THE ELEVATION OF THE SWMF BERM SHALL NOT BE LESS THAN THE PLAN GRADE. WHERE PLANS SHOW THE BOTTOM OF THE SWMF TO SLOPE, SHAPE THE BOTTOM SO THAT NO WATER IMPOUNDS. THE SWMF BERM & SIDE SLOPES ARE NOT TO VARY HORIZONTALLY MORE THAN 0.3 FOOT FROM THE TRUE LINE SHOWN IN THE PLANS. IN NO CASE SHALL THE POND VOLUME BE BUILT WITH LESS THAN THE VOLUME AS SHOWN (THIS SHALL APPLY TO BOTH THE TREATMENT VOLUME (I.E.: FROM POND BOTTOM TO 1ST DISCHARGE POINT ELEV.)& OVERALL VOLUME).

2. PRIOR TO FINAL ACCEPTANCE OF THE WORK, ALL SILT & OTHER DEBRIS SHALL BE REMOVED FROM STORMWATER PIPES, DITCHES, STRUCTURES, POND & STORMWATER MANAGEMENT FACILITIES.

PERMITTING:

1. A TDEC GENERIC PERMIT FOR STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES, TO BE FURNISHED AND OBTAINED BY THE CONTRACTOR, WILL BE REQUIRED FOR THIS PROJECT. (NPDES).

2. THE FOLLOWING PERMITS / APPROVALS HAVE OR WILL BE OBTAINED FOR THIS PROJECT. THE CONTRACTOR SHALL COMPLY WITH ALL PROVISIONS THEREIN.

- A. CITY OF EASTVIEW
 - a) POTABLE WATER
- B. TENNESSEE DEPARTMENT OF TRANSPORTATION
 - a) DRIVEWAY CONNECTION
- C. TENNESSEE DEPARTMENT OF ENVIRONMENT & CONSERVATION
 - a) WETLAND IMPACT PERMIT
- D. U.S. ARMY CORPS OF ENGINEERS
 - a) WETLAND IMPACT PERMIT

3. THE CONTRACTOR SHALL PROVIDE AS BUILT DRAWINGS OF THE FOLLOWING IN AUTOCAD FORMAT RELEASE 2000 OR GREATER. FORM AND CONTENTS ARE TO BE THE REQUIREMENTS OF THE GOVERNMENTAL AUTHORITY HAVING FINAL OWNERSHIP AND / OR APPROVAL TO PLACE THE SYSTEM IN SERVICE. AS BUILTS AT A MINIMUM SHALL SHOW FINAL GRADING OF THE SWMF AND ANY STORMDRAIN SYSTEM CONSTRUCTED.

- A) ROADWAY AND DRAINAGE SYSTEM
- B) WATER MAIN SERVICES, AND APPURTENANCES
- C) SANITARY SEWER SYSTEM & SERVICES

4. CONTRACTOR SHALL SCHEDULE AND ATTEND A PRE-CONSTRUCTION MEETING WITH THE EASTVIEW UTILITY ENGINEERING DEPT. TENNESSEE DEPT. OF TRANSPORTATION & THE ENGINEER PRIOR TO BEGINNING CONSTRUCTION OF UTILITY WORK WITHIN THE STATE RIGHT-OF-WAY.

5. THE TEMPORARY CONSTRUCTION SITE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR DIRECT FLOW OF MUD AND SEDIMENTS ONTO THE STREETS. ANY SEDIMENTS OR MUD SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS SHALL BE RECOVERED AND CLEANED UP IMMEDIATELY.

U.S. 45 & S.R. 57:

1. THE CONTRACTOR SHALL PROVIDE SUITABLE 24-HOUR, CONTINUOUS ACCESS TO U.S. 45 & S.R. 57. ANY INTERRUPTION OF THE UTILITY SERVICES TO THE BUSINESSES & RESIDENCES OF U.S. 45 & S.R. 57 SHALL BE AVOIDED.

EARTH WORK:

1. ALL EARTHWORK AND GRADING OPERATIONS SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEERING REPORT PREPARED BY TERRACON CONSULTANTS, INC. DATED JANUARY 29, 2016. THIS REPORT SHALL BE REFERENCED FOR COMPLETE DESIGN SPECIFICATIONS AND DETAILED RECOMMENDATIONS.

2. EXCESS SUITABLE MATERIAL SHALL BE STOCKPILED IN AREAS DESIGNATED IN THE PLANS. STOCKPILE SHALL BE A MAXIMUM HEIGHT OF 8' WITH 4:1 SIDE SLOPES AND SHALL BE STABILIZED WITH SEED AND MULCH.

3. EXCESS SUITABLE MATERIAL NOT DESIGNATED TO BE STOCKPILED ONSITE AND UNSUITABLE MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE.

4. UNSUITABLE MATERIAL SHALL BE ANY MATERIAL THAT PER THE GEOTECHNICAL ENGINEER, CANNOT BE USED AS ROADWAY SUBGRADE, EXCAVATION AND UTILIZATION OF MATERIAL SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT PROVIDED BY TERRACON CONSULTANTS INC..

5. CONTRACTOR IS REQUIRED TO PROVIDE MIXING MATERIAL, IF REQUIRED, TO MEET THE MINIMUM SUBGRADE LBR VALUE. EXCESS MATERIAL CAUSED BY MIXING SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE UNLESS THE PLANS DESIGNATE A STOCKPILE AREA FOR THE MATERIAL.

6. THE CONTRACTOR SHALL DISPOSE OF SURPLUS AND EXCAVATED MATERIALS AS SHOWN ON THE PLANS OR, IF THE PLANS DO NOT INDICATE THE METHOD OF DISPOSAL, THE CONTRACTOR SHALL TAKE OWNERSHIP OF THE MATERIALS AND DISPOSE OF THEM OUTSIDE OF THE PROJECT AREA IN A PERMITTED DISPOSAL SITE.

7. SITE GRADES AROUND THE BUILDING AND PAVEMENT SHOULD BE MAINTAINED SO SURFACE WATER FLOWS AWAY FROM THE CONSTRUCTION AREAS. DURING EARTHWORK OPERATIONS, ALL EXPOSED SUBGRADES SHOULD BE PROPERLY SLOPED TO PROVIDE RAPID DRAINAGE SO THAT PONDING OF WATER AND SOFTENING OF THE SUBGRADE SOILS CAN BE REDUCED. SURFACE WATER THAT MAY ACCUMULATE IN THE BUILDING AND PAVEMENT AREAS SHOULD BE REMOVED AS SOON AS POSSIBLE TO AVOID WETTING OR DISTURBANCE OF THE SUBGRADE SOILS. UPON COMPLETION OF GRADING, CARE SHOULD BE TAKEN TO MAINTAIN THE SUBGRADE MOISTURE CONTENT PRIOR TO CONSTRUCTION OF FLOOR SLABS AND PAVEMENTS. CONSTRUCTION TRAFFIC OVER THE COMPLETED SUBGRADE SHOULD BE AVOIDED TO THE EXTENT PRACTICAL. THE SITE SHOULD ALSO BE GRADED TO PREVENT PONDING OF SURFACE WATER ON PREPARED SUBGRADES OR IN EXCAVATIONS. IF THE SUBGRADE SHOULD BECOME FROZEN, DESICCATED, SATURATED, OR DISTURBED, THE AFFECTED MATERIAL SHOULD BE REMOVED OR THESE MATERIALS SHOULD BE SCARIFIED, MOISTURE CONDITIONED, AND RECOMPACTED PRIOR TO FLOOR SLAB AND/OR PAVEMENT CONSTRUCTION.

8. ALL EXCAVATIONS SHOULD BE SLOPED OR BRACED AS REQUIRED BY OSHA REGULATIONS TO PROVIDE STABILITY AND SAFE WORKING CONDITIONS. TEMPORARY EXCAVATIONS WILL PROBABLY BE REQUIRED DURING GRADING OPERATIONS. THE GRADING CONTRACTOR, BY HIS CONTRACT, IS USUALLY RESPONSIBLE FOR DESIGNING AND CONSTRUCTING STABLE, TEMPORARY EXCAVATIONS AND SHOULD SHORE, SLOPE, OR BENCH THE SIDES OF THE EXCAVATION AS REQUIRED TO MAINTAIN STABILITY OF BOTH THE EXCAVATIONS SIDES AND BOTTOM. ALL EXCAVATIONS SHOULD COMPLY WITH APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS, INCLUDING THE CURRENT OSHA EXCAVATION AND TRENCH SAFETY STANDARDS.

9. CONSTRUCTION SITE SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR WHO CONTROLS THE MEANS, METHODS, AND SEQUENCING OF THE CONSTRUCTION OPERATIONS. UNDER NO CIRCUMSTANCES SHALL THE INFORMATION PROVIDED HEREIN BE INTERPRETED TO MEAN THAT TERRACON OR GPI SOUTHEAST, INC. IS ASSUMING ANY RESPONSIBILITY FOR CONSTRUCTION SITE SAFETY OR THE CONTRACTOR'S ACTIVITIES; SUCH RESPONSIBILITY SHALL NEITHER BE IMPLIED NOR INFERRED.

10. CONTRACTOR SHALL NOT OVER EXCAVATE ANY AREAS WHERE 2:1 OR GREATER CUT SLOPES ARE PROPOSED. IF THIS DOES OCCUR CONTRACTOR SHALL RETAIN A QUALIFIED PROFESSIONAL ENGINEER TO DESIGN BACKFILL FOR THESE AREAS AND PROVIDE APPROPRIATE TESTING TO DEMONSTRATE COMPLIANCE WITH THE DESIGN REQUIREMENTS AT NO COST TO THE OWNER. THIS REQUIREMENT ALSO APPLIES TO ANY AREA ONSITE WHERE THE SOIL IS REMOVED TO A SLOPE OF GREATER THAN 3:1.

11. THE FLOOR SLAB SUBGRADE SHOULD BE PROOF ROLLED WITH A FULLY LOADED TANDEM AXLE DUMP TRUCK PRIOR TO FLOOR SLAB CONSTRUCTION. ANY SOFT, WEAK, OR PUMPING AREAS OBSERVED THAT CANNOT BE STABILIZED IN PLACE SHOULD BE UNDERCUT AS DIRECTED BY THE GEOTECHNICAL ENGINEER OR HIS REPRESENTATIVE. AFTER COMPLETION OF ANY NECESSARY UNDERCUTTING OR IN-PLACE STABILIZATION, THE SUBGRADE SHOULD PROVIDE ADEQUATE SUPPORT FOR LIGHTLY LOADED FLOOR SLABS. IF TURNED-DOWN SLAB-ON-GRADE FOUNDATIONS ARE NOT UTILIZED, WE RECOMMEND THAT FLOOR SLABS BE DESIGNED AS "FLOATING" SLABS, THAT IS, FULLY GROUND SUPPORTED AND FULLY INDEPENDENT OF ANY BUILDING FOOTINGS OR WALLS. THIS IS TO MINIMIZE THE POSSIBILITY OF FLOOR SLAB CRACKING DUE TO DIFFERENTIAL MOVEMENTS BETWEEN THE SLAB AND THE FOUNDATION. THE SLABS SHOULD BE APPROPRIATELY REINFORCED TO SUPPORT THE PROPOSED LOADS. AS A MINIMUM, WE RECOMMEND THAT THE FLOOR SLABS BE SUPPORTED ON A 4-INCH COMPACTED LAYER OF FREE DRAINING, ANGULAR SUBBASE MATERIAL. THE PURPOSE OF THIS LAYER IS TO HELP DISTRIBUTE THE CONCENTRATED LOADS AND ACT AS A CAPILLARY BREAK BENEATH THE SLAB. THE USE OF A VAPOR RETARDER SHOULD BE CONSIDERED BENEATH CONCRETE SLABS ON GRADE THAT WILL BE COVERED WITH WOOD, TILE, CARPET OR OTHER MOISTURE SENSITIVE OR IMPEROUS COVERINGS OR WHEN THE SLAB WILL SUPPORT EQUIPMENT SENSITIVE TO MOISTURE. WHEN CONDITIONS WARRANT THE USE OF VAPOR RETARDER, THE SLAB DESIGNER AND SLAB CONTRACTOR SHOULD REFER TO ACI 302 FOR PROCEDURES AND CAUTIONS REGARDING THE USE AND PLACEMENT OF A VAPOR RETARDER.

CONSTRUCTION SEQUENCE:

1) SCHEDULE PRE-CONSTRUCTION MEETING WITH CITY OF EASTVIEW, TDOT, TDEC & ENGINEER OF RECORD.

2) INSTALL EROSION CONTROL BMP'S.

3) CLEAR AND GRUB AREAS REQUIRED TO CONSTRUCT TEMPORARY SEDIMENT PONDS.

4) CONSTRUCT TEMPORARY SEDIMENT PONDS.

5) CONSTRUCT SITE IMPROVEMENTS PER THE CONSTRUCTION PLANS BEGINNING WITH THE OFFSITE STORMWATER BYPASS DRAINAGE SYSTEM.

6) COORDINATE FINAL CLOSEOUT OF THE PROJECT WITH OWNER AND ENGINEER OF RECORD, CITY OF EASTVIEW AND MCNAIRY COUNTY. SUBMIT AS-BUILT DRAWINGS TO ENGINEER OF RECORD.

TRAFFIC CONTROL NOTES:

1) PRIOR TO CONSTRUCTION WITHIN THE STATE RIGHT-OF-WAY THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN THAT ADHERES TO THE REQUIREMENTS SET FORTH IN THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE TDOT ROADWAY DESIGN STANDARDS, LATEST EDITION.

2) INSTALL CONSTRUCTION SIGNING PRIOR TO COMMENCEMENT OF CONSTRUCTION AND MAINTAIN SIGNS DURING CONSTRUCTION IN ACCORDANCE WITH THE MUTCD.

3) CONTRACTOR TO PROVIDE ADDITIONAL BARRICADES, SIGNING, MARKINGS, OR OTHER TRAFFIC CONTROLS AS REQUIRED BY THE MUTCD AND THE DESIGN STANDARD INDEXES AS CONDITIONS WARRANT.

4) TRAFFIC CONTROL DEVICES REQUIRED BY THE MUTCD SHALL BE PROVIDED AS CONDITIONS WARRANT IN EACH CONSTRUCTION PHASE. COORDINATION OF TRAFFIC CONTROL DEVICES BETWEEN SUCCESSIVE WORK ZONE LOCATIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR WITH APPROVAL OF THE ENGINEER.

5) IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN CLEAR ZONE REQUIREMENTS FOR EQUIPMENT, MATERIALS, STORAGE, AND WORK ZONE PROTECTION.

6) THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING A WORK SCHEDULE SO THAT ANY LOCATION UNDER CONSTRUCTION WILL NOT BE LEFT IN A HAZARDOUS CONDITION AT THE END OF ANY WORK PERIOD.

PROJECT CONTACTS:

GOVERNING AUTHORITY CONTACTS:

- 1) CITY OF EASTVIEW
 - MAYOR JESSE ROBINS
 - 731-810-4879
- 2) TENNESSEE DEPT. OF TRANSPORTATION
 - JASON MOODY
 - 731-935-0183

UTILITY PROVIDER CONTACTS:

- 1) ELECTRIC PROVIDERS:
 - PICKWICK ELECTRIC COOPERATIVE
- 2) TELEPHONE AND COMMUNICATIONS PROVIDERS:
 - AT&T
 - 1-800-247-2020
- 3) WATER PROVIDER:
 - CITY OF EASTVIEW (WATER DISTRIBUTION SYSTEM)
 - DON MULLINS
 - 731-810-3204
 - CITY OF SELMER (WATER PROVIDER)

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CERTIFICATE OF AUTHORIZATION NO. : 30579

DRAWN BY :	DATE :
JLC	03/04/16
CHECKED BY :	DATE :
SAP	03/04/16
DESIGNED BY :	CAD NAME :
HDW	2015003-CP
SCALE :	PLOT DATE :
NTS	07/05/16

R E V I S I O N S	
DESCRIPTION	INT. DATE

CLIENT :

LOVE'S TRAVEL STOPS
& COUNTRY STORES

PROJECT :

EASTVIEW, TN

SHEET TITLE :

GENERAL NOTES

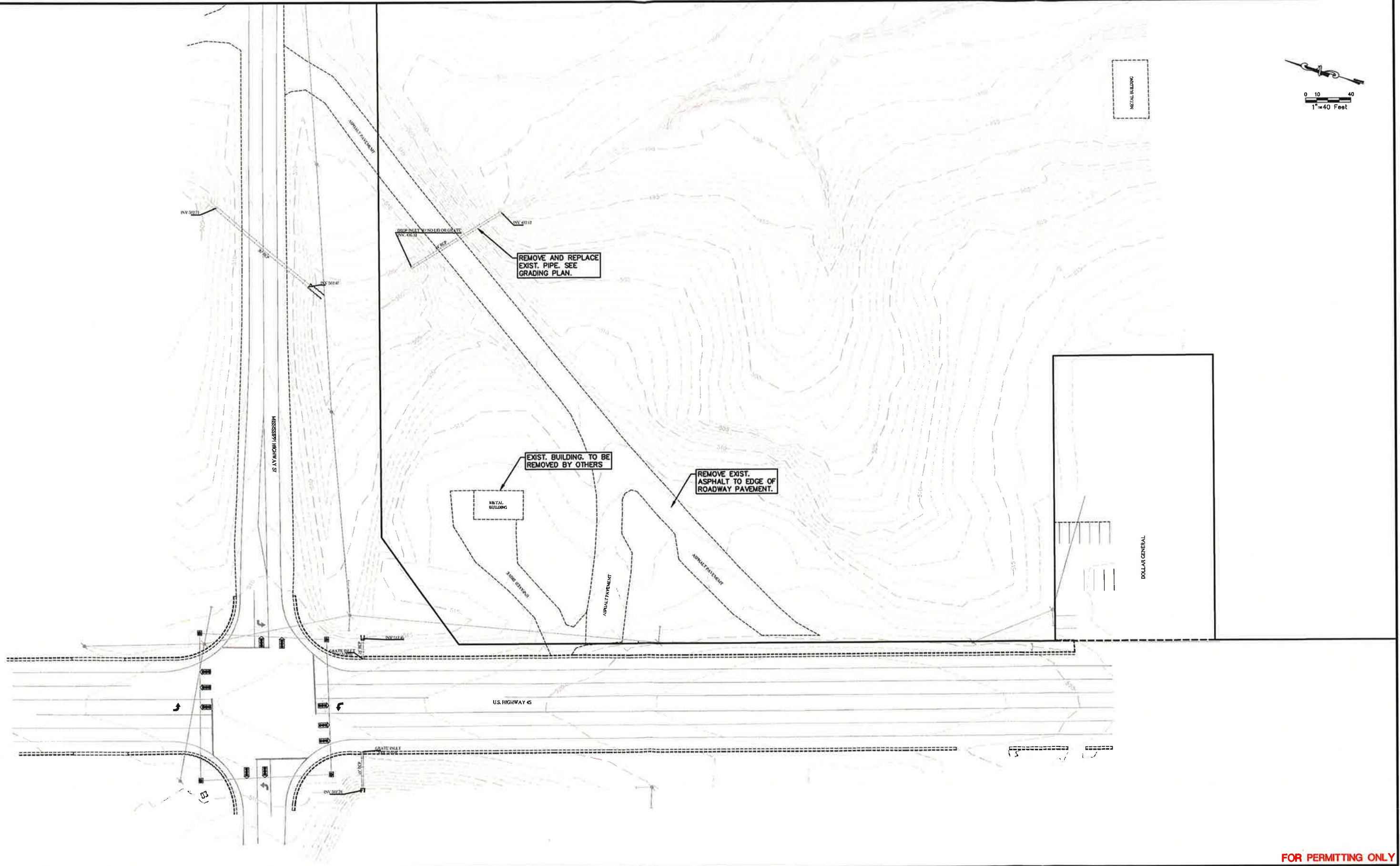


PROJ. NO. :

2015003

SHEET NO. :

C1



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DRAWN BY :	JLC	DATE :	03/04/16
CHECKED BY :	SAP	DATE :	3/04/16
DESIGNED BY :	HDW	CAD NAME :	2015003-CP
SCALE :	1"=40'	PLOT DATE :	07/05/16

REVISIONS		
DESCRIPTION	INT.	DATE

CLIENT :

**LOVE'S TRAVEL STOPS
& COUNTRY STORES**

PROJECT :

EASTVIEW, TN

SHEET TITLE :

**EXISTING CONDITIONS &
DEMOLITION PLAN**



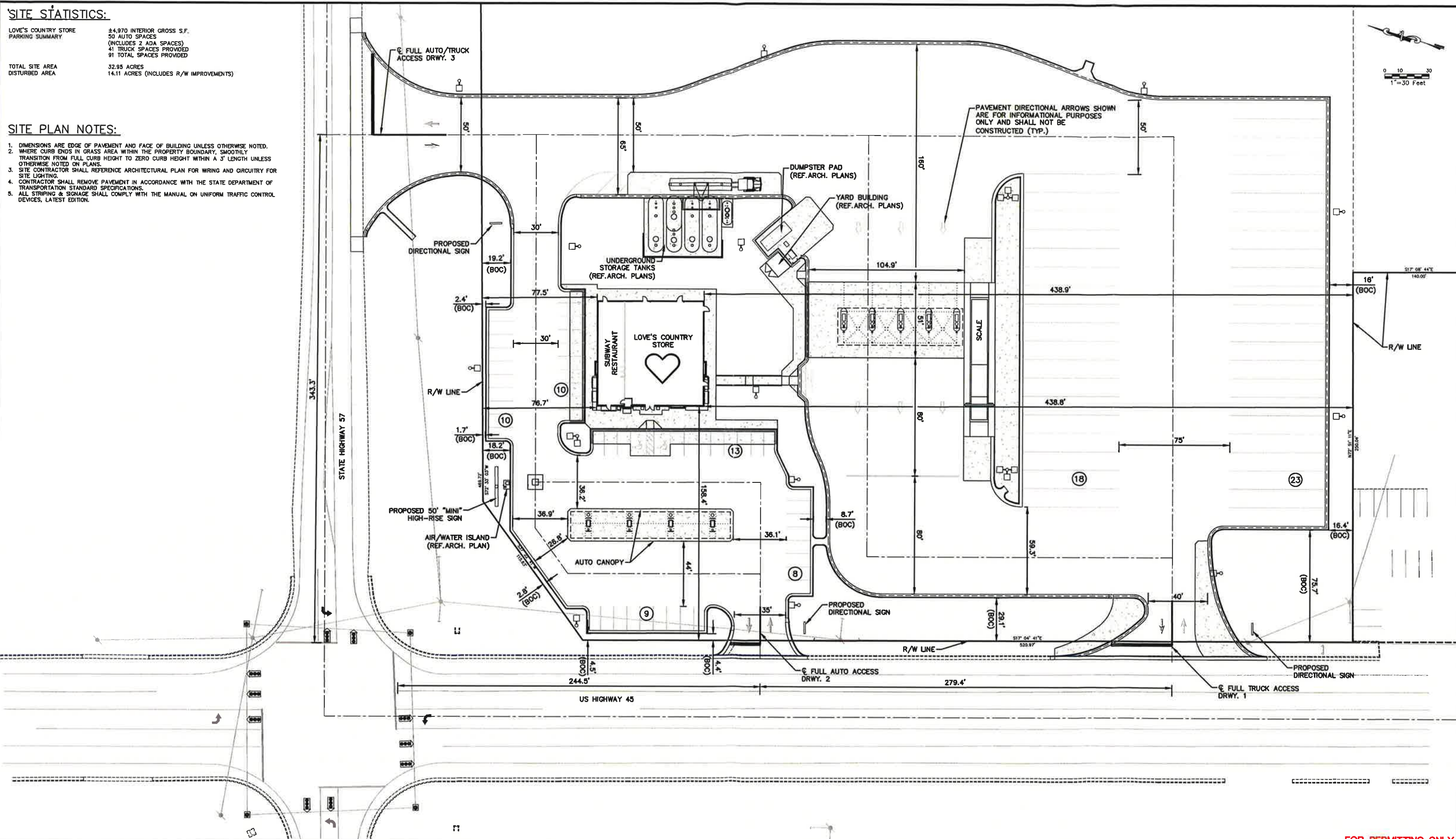
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PROJ. NO. :
2015003

SHEET NO. :
C2

LOVE'S COUNTRY STORE	±4,970 INTERIOR GROSS S.F.
PARKING SUMMARY	50 AUTO SPACES
	(INCLUDES 2 ADA SPACES)
	91 TRUCK SPACES PROVIDED
	91 TOTAL SPACES PROVIDED
TOTAL SITE AREA	32.95 ACRES
DISTURBED AREA	14.11 ACRES (INCLUDES R/W IMPROVEMENTS)

1. DIMENSIONS ARE TO BE OF PAVEMENT AND FACE OF BUILDING UNLESS OTHERWISE NOTED.
2. WHERE CURB ENDS IN GRASS AREA WITHIN THE PROPERTY BOUNDARY, SMOOTHLY TRANSITION FROM FULL CURB HEIGHT TO ZERO CURB HEIGHT WITHIN A 3' LENGTH UNLESS OTHERWISE NOTED ON PLANS.
3. SITE CONTRACTOR SHALL REFERENCE ARCHITECTURAL PLAN FOR WIRING AND CIRCUITRY FOR SITE LIGHTING.
4. CONTRACTOR SHALL REMOVE PAVEMENT IN ACCORDANCE WITH THE STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.
5. ALL CUTTING SHALL COMPLY WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.



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CERTIFICATE OF AUTHORIZATION NO. : 30579

DRAWN BY : JLC	DATE : 03/04/16
CHECKED BY : SAP	DATE : 03/04/16
DESIGNED BY : HDW	CAD NAME : 2015003-CR
SCALE : 1"=30'	PLOT DATE : 07/05/16

R E V I S I O N S		
DESCRIPTION	INT.	DATE

CLIENT :

LOVE'S TRAVEL STOPS
& COUNTRY STORES

PROJECT :

EASTVIEW, TN

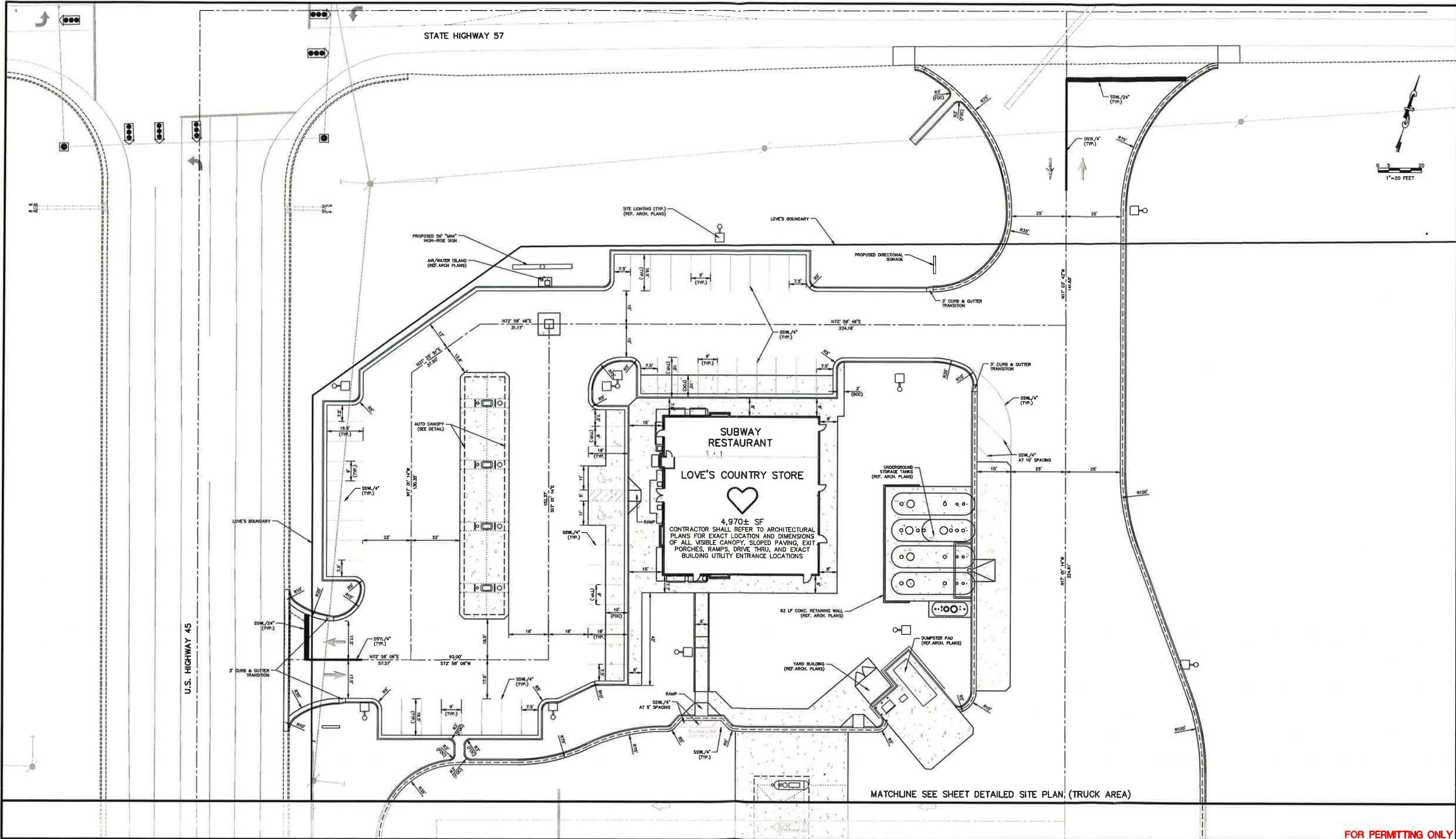
SHEET TITLE :

OVERALL SITE PLAN



PROJ. NO. :	2015003
SHEET NO. :	C3

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CERTIFICATE OF AUTHORIZATION NO. : 30579

DRAWN BY :	JLC	DATE :	03/04/16
CHECKED BY :	SAP	DATE :	03/04/16
DESIGNED BY :	HDW	CAD NAME :	2015003-CP
SCALE :	1"=20'	PLOT DATE :	07/05/16

REVISIONS		
DESCRIPTION	INT.	DATE

CLIENT :
**LOVE'S TRAVEL STOPS
& COUNTRY STORES**

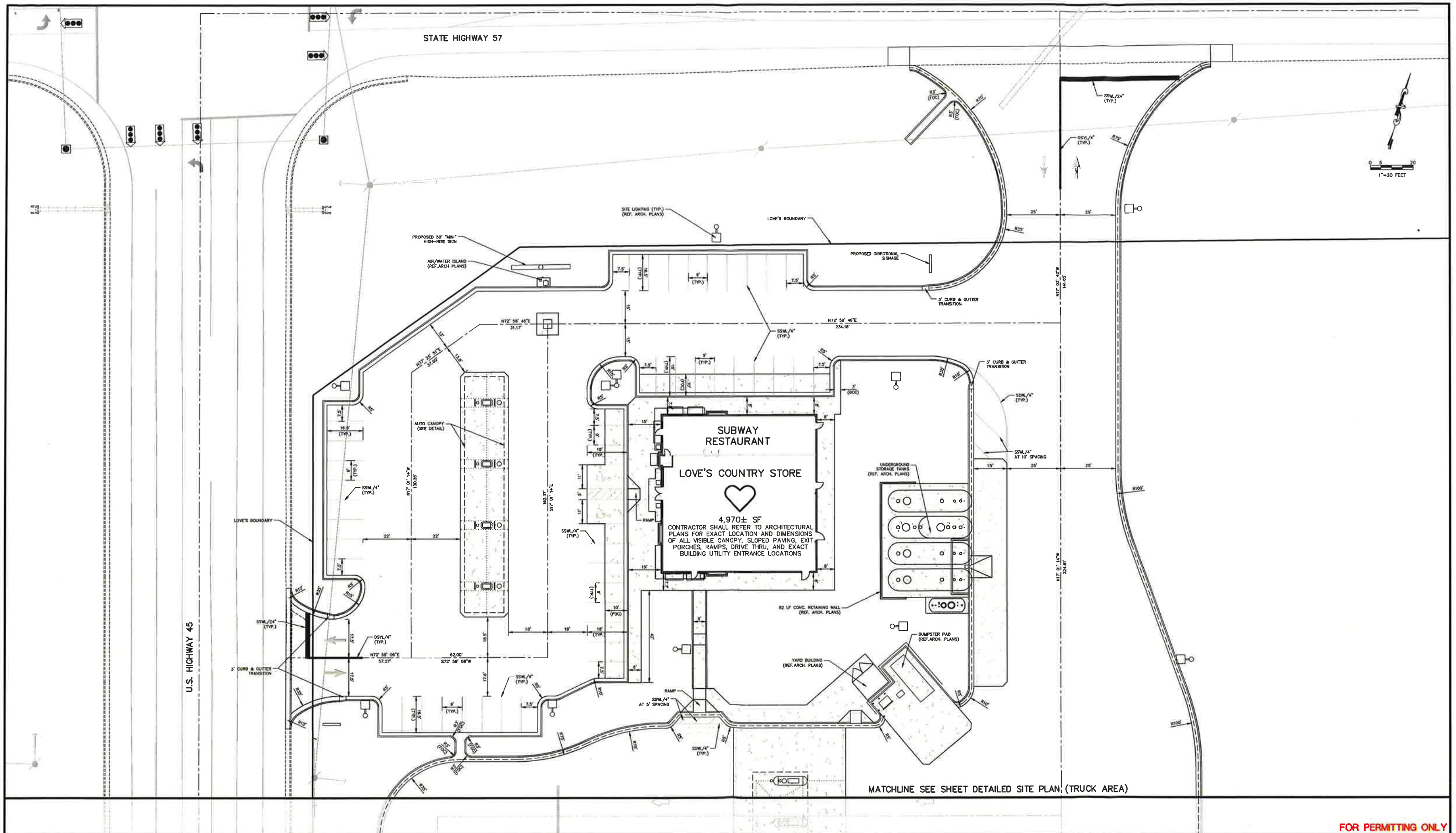
PROJECT :
EASTVIEW, TN

SHEET TITLE :
**DETAILED SITE PLAN
(AUTO AREA)**

FOR PERMITTING ONLY

PROJ. NO. :
2015003

SHEET NO. :
C4



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SCALE : 1"=20'	PLOT DATE : 07/05/16													

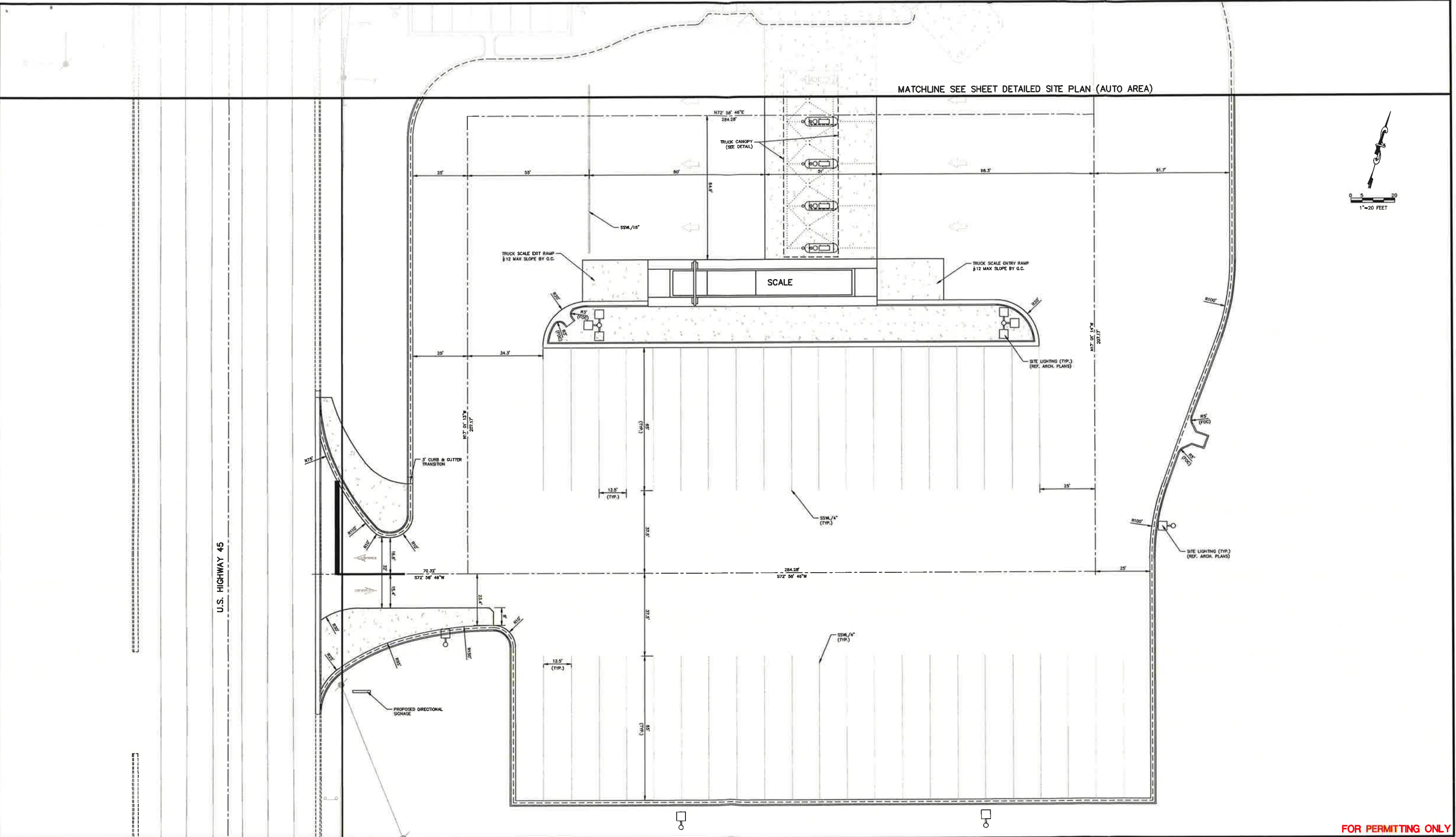
CLIENT : LOVE'S TRAVEL STOPS & COUNTRY STORES

PROJECT : EASTVIEW, TN

SHEET TITLE : DETAILED SITE PLAN (AUTO AREA)

FOR PERMITTING ONLY

	<p>PROJ. NO. : 2015003</p> <p>SHEET NO. : C4</p>
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PHONE (850) 372-4045
CERTIFICATE OF AUTHORIZATION NO. : 30579

DRAWN BY :	JLC	DATE :	03/04/16
CHECKED BY :	SAP	DATE :	03/04/16
DESIGNED BY :	HDW	CAD NAME :	2015003-CP
SCALE :	1"=20'	PLOT DATE :	07/05/16

REVISIONS		
DESCRIPTION	INT.	DATE

CLIENT :

LOVE'S TRAVEL STOPS
& COUNTRY STORES

PROJECT :

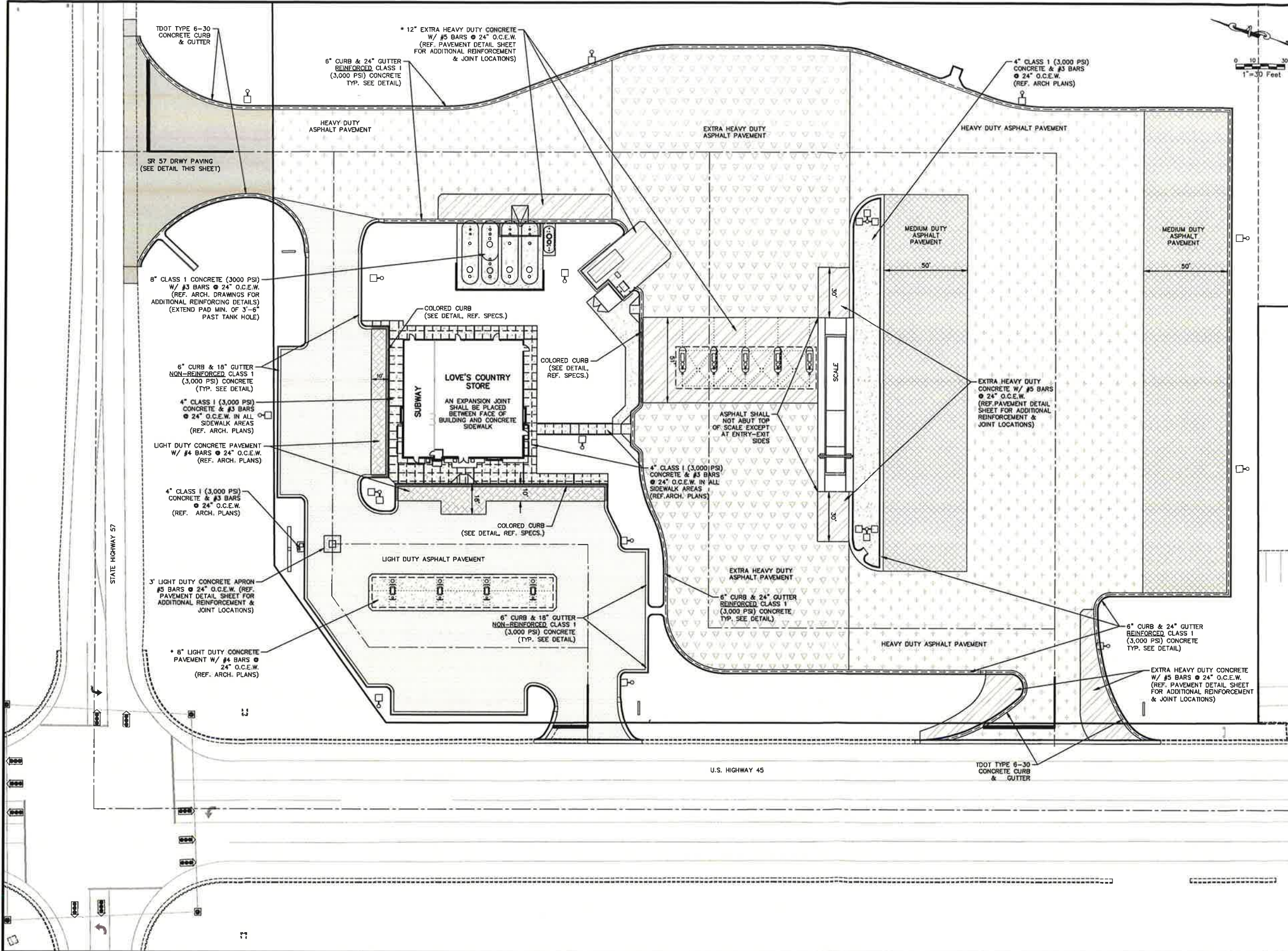
EASTVIEW, TN

SHEET TITLE :

DETAILED SITE PLAN
(TRUCK AREA)



FOR PERMITTING ONLY
PROJ. NO. :
2015003
SHEET NO. :
C5



LEGEND

PROPOSED EXTRA HEAVY DUTY ASPHALT PAVEMENT

PROPOSED HEAVY DUTY ASPHALT PAVEMENT

PROPOSED MEDIUM DUTY ASPHALT PAVEMENT

PROPOSED LIGHT DUTY ASPHALT PAVEMENT

PROPOSED EXTRA HEAVY DUTY CONCRETE PAVEMENT

PROPOSED LIGHT DUTY CONCRETE PAVEMENT

PROPOSED SR 57 DRIVEWAY ASPHALT PAVEMENT (SEE DETAIL THIS SHEET)

(SEE PAVEMENT DETAIL SHEET FOR PAVEMENT DESIGN INFORMATION)

* PAVEMENT THICKNESS IS MODIFIED FROM THAT SHOWN ON PAVEMENT DETAIL SHEET

PAVEMENT NOTES:

1. PAVEMENT SECTION DESIGNS ARE TAKEN FROM THE GEOTECHNICAL INVESTIGATION REPORT AS PREPARED BY TERRACON JANUARY 29, 2016, TELEPHONE (901) 377-7325. REFERENCE THIS REPORT FOR COMPLETE DESIGN SPECIFICATION AND DETAILED RECOMMENDATIONS.

2. WITHIN 24 HOURS PRIOR TO ANY PAVING OPERATION, THE CONTRACTOR SHALL PERFORM SUBGRADE COMPACTION AND PROOF ROLL TESTS ON PREPARED SUBGRADE TO VERIFY THAT SUBGRADE HAS NOT DETERIORATED DURING PROJECT CONSTRUCTION AS DIRECTED BY THE ENGINEER.

3. UNLESS OTHERWISE NOTED, ALL CONCRETE TO BE BROOM FINISHED EXCEPT TRUCK FUELING BAYS TO HAVE HEAVY BROOM FINISH.

4. THE FOLLOWING AREAS ARE TO BE SEALED 30 DAYS AFTER CONCRETE IS POURED. REFERENCE ARCHITECTURAL SPECIFICATION:
-BUILDING SIDEWALKS
-AUTO CANOPY PAD
-TRUCK CANOPY PAD
-BUILDING PARKING SPACES AT FRONT OF BUILDING
-DUMPSTER PAD AREA

5. ALL ASPHALT THAT ABUTS CONCRETE IS TO BE FINISHED AT 1/2 INCH ABOVE FINISHED CONCRETE ELEVATION.

6. ALL PAVING WORK SHALL CONFORM TO THE STATE DOT STANDARDS AND SPECIFICATIONS, LATEST EDITION.

7. AFTER COMPLETING THE PAVING OPERATION, THE CONTRACTOR IS RESPONSIBLE FOR HAVING PAVEMENTS CURED, AS REQUIRED BY THE GEOTECHNICAL INVESTIGATION REPORT, AND SUBMITTING CORE RESULTS TO ENGINEER AND OWNER.

SR 57 DRIVEWAY PAVEMENT SECTION

PROPOSED PAVEMENT SCHEDULE	
1	ASPHALTIC CONCRETE SURFACE (ACS) @ 1.25" THICK (APPROX. 132.50 LBS./S.Y.) ITEM 411-01-01 ASPHALT CEMENT (PG22-22V1/AC35) GRADING "D"
2	BITUMINOUS COURSE (STICKER) @ 3/4" THICK (APPROX. 187.75 LBS./S.Y.) ITEM 301-01-01 ASPHALT CONCRETE MIX (PG22-22V1/AC35) GRADING "D"
3	BITUMINOUS BASE COURSE (BLACK BASE) @ 6" THICK (APPROX. 690.0 LBS./S.Y.) ITEM 307-01-01 ASPHALT CONCRETE MIX (PG22-22V1/AC35) GRADING "A"
4	MINERAL AGGREGATE BASE @ 10" THICK MIN. ITEM 303-01 MINERAL AGGREGATE, TYPE "A" BASE, GRADING "D" LIME STONE
5	PRIME COAT 402-01 (0.30 GAL/S.Y.) ITEM 402-01 BITUMINOUS MATERIAL FOR PRIME COAT (PG) (AT 0.30-0.35 GAL./S.Y.)
6	TACK COAT 403-01 (0.06 GAL/S.Y.) ITEM 403-01 BITUMINOUS MATERIAL FOR TACK COAT (PG) (AT 0.06 GAL./S.Y.)
7	CEO-TEXTILE TYPE III
8	SELECT BORROW @ 2 1/2" THICK MIN. MEETING: A-1 OR A-1-B OR A-3 W/LESS THAN 10% PASSING # 200 SCREEN

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CIVIL ENGINEERING, DESIGN, PLANNING,
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JLC	03/04/16		
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HDW	03/21/16		
DESIGNED BY:	CAD NAME:		
HDW	2015003-CP		
SCALE:	PLOT DATE:		
1"=30'	07/05/16		

PROJECT :	SHEET TITLE :
LOVE'S TRAVEL STOPS & COUNTRY STORES	PAVING PLAN
EASTVIEW, TN	

PROJ. NO. :
2015003
SHEET NO. :
C6

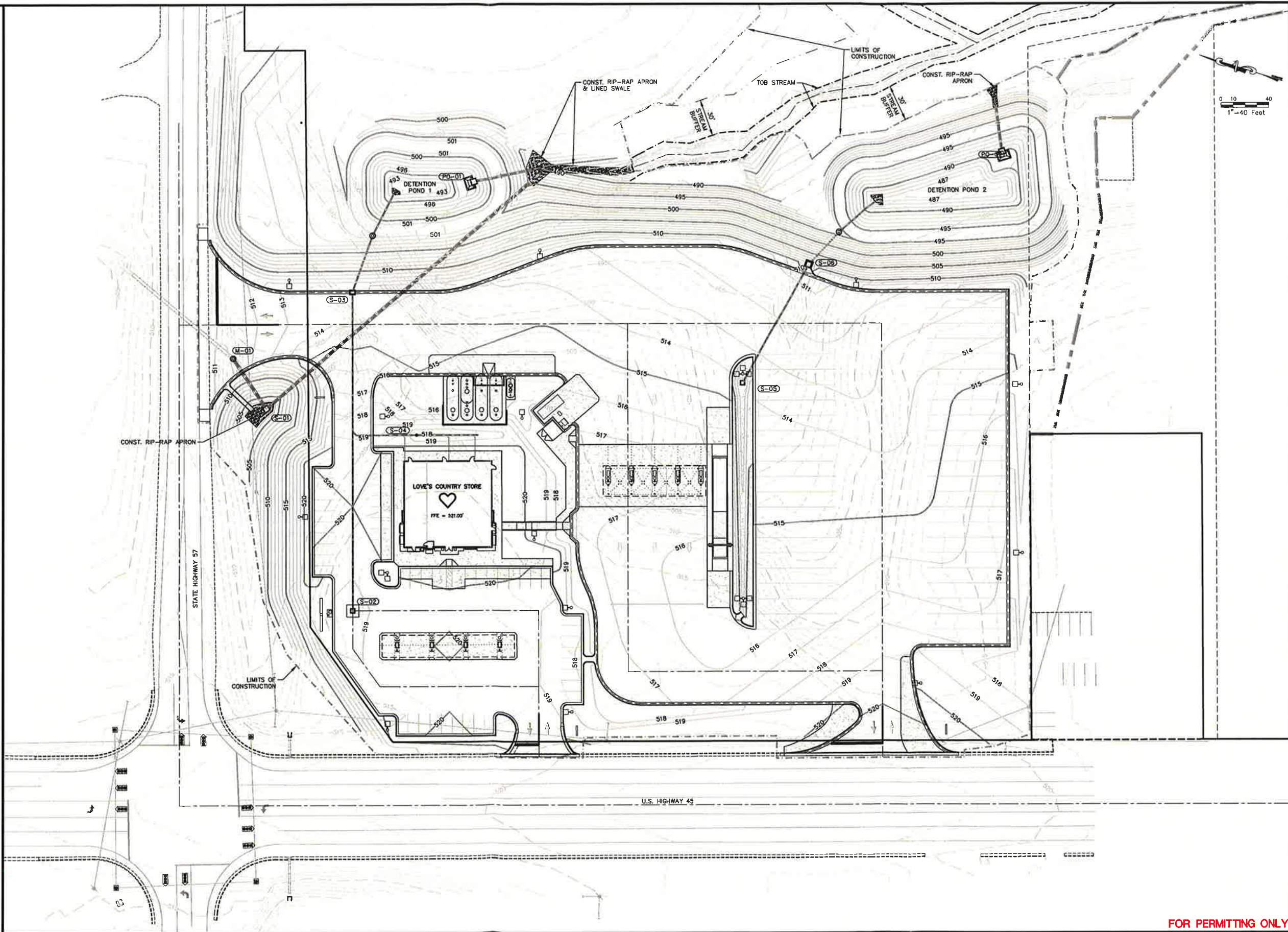
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SITE PREPARATION NOTES:
1. SITE PREPARATION DESIGNS ARE TAKEN FROM THE GEOTECHNICAL INVESTIGATION REPORT AS PROVIDED BY TERRACON, TELEPHONE (901) 377-7325. REFERENCE THIS REPORT FOR COMPLETE DESIGN SPECIFICATIONS AND DETAILED RECOMMENDATIONS.
2. THE CONTRACTOR IS TO PREPARE THE SITE IN STRICT ACCORDANCE WITH THE DESIGN SPECIFIED IN THE GEOTECHNICAL INVESTIGATION. REFERENCE THIS COMPLETE DESIGN SPECIFICATION FOR SITE WORK SPECIFICATION.
3. CONTRACTOR SHALL RESTRICT AND CONTROL CONSTRUCTION TRAFFIC ON AREAS OF STABILIZED SUBGRADE OR PARTIAL THICKNESS PAVEMENT. HEAVY LOADED EQUIPMENT OPERATION ON THESE AREAS MAY CAUSE SIGNIFICANT DAMAGE RESULT IN SUBGRADE DETEIORATION, AND WILL REQUIRE RETESTING AND REWORKING OF SUBGRADE WITHIN PROJECT SPECIFICATIONS.
4. IN AREAS WHERE NEW FULL SLOPES WILL BE PLACED ON EXISTING SLOPES 10% OR STEEPER, ADDITIONAL EXCAVATION SHOULD BE MADE INTO THE EXISTING EMBANKMENTS TO CREATE BENCHES SO THAT HORIZONTAL LIFTS OF THE FILL MATERIALS CAN BE PLACED AND COMPACTED. REFERENCE GEOTECHNICAL REPORT FOR COMPLETE INFORMATION.

STORM DRAIN NOTES:
1. REFERENCE GENERAL NOTES.
2. REFERENCE DETAIL SHEETS AND TDOT DESIGN STANDARDS FOR CONSTRUCTION DETAILS.
3. STORM DRAIN/CULVERT PIPES SHALL BE BEDDED AND BACKFILLED PER TDOT STANDARD SPECIFICATION SECTION, TYPE "C" BACK FILL SHALL BE USED FOR STORM DRAIN BENEATH PAVED AREAS. ALL PIPES ENTERING STORM SEWER STRUCTURES SHALL BE SEALED TO ASSURE CONNECTION AT STRUCTURE IS WATER TIGHT.
4. ALL PIPES AND STRUCTURES ON ROAD RIGHT-OF-WAY SHALL BE PER STATE DEPARTMENT OF TRANSPORTATION STANDARDS.
5. TYPES OF PIPES ARE INDICATED ON THE PLANS. IF A MATERIAL IS NOT SPECIFIED ON THE PLANS, THE CONTRACTOR MAY USE ANY OF THE FOLLOWING PIPE MATERIALS MEETING TENNESSEE DOT SPECIFICATIONS:

- REINFORCED CONCRETE PIPE (CLASS III)
- DUAL WALL HDPE (WHERE NOT UNDER PAVEMENT)
- ADS 48" HDPE STORM PIPE (WHERE UNDER PAVEMENT)

GRADING NOTES:
1. REFERENCE THE GENERAL NOTES.
2. REFERENCE THE SITE PREPARATION NOTES.
3. REFERENCE THE SEDIMENT AND EROSION CONTROL NOTES.
4. REFERENCE DETAIL SHEETS FOR CONSTRUCTION DETAILS.
5. CONSTRUCTION SHALL COMPLY WITH ALL GOVERNING CODE AND BE CONSTRUCTED TO THE SAME.
6. TOPOGRAPHIC SURVEY AND PROPOSED GRADE ARE REFLECTIVE OF THE NAVD'88 DATUM.
7. PROPERTY AND TOPOGRAPHIC SURVEY WAS PREPARED FOR AND PROVIDED BY SURVEYOR FOR USE IN DESIGN. IT IS ASSUMED TO BE FINAL AND COMPLETE. IF THE CONTRACTOR DOES NOT ACCEPT EXISTING TOPOGRAPHY AS SHOWN IN THE PLANS, WITHOUT EXCEPTION, HE SHALL HAVE MADE AT HIS OWN EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR AND SUBMIT IT TO THE OWNER FOR REVIEW.
8. EXISTING GRADE CONTOURS ARE SHOWN AT 1-FT INTERVALS.
9. FINISHED GRADE CONTOUR ELEVATIONS ARE SHOWN AT 1-FT INTERVALS AND SUPPLEMENTED BY SPOT SHOT ELEVATIONS.
10. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES & WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THIS INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS. (STATE ONE CALL # 1-800-351-1111)
11. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL UTILITIES AND NOTIFYING THE APPROPRIATE UTILITY COMPANY PRIOR TO BEGINNING CONSTRUCTION.
12. CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION FOR ALL EXISTING STORM SEWER STRUCTURES, PIPES, AND UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
13. CLEARING AND GRUBBING LIMITS SHALL INCLUDE ALL AREAS DISTURBED BY THE GRADING OPERATIONS. CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL AREAS INDICATED TO REMAIN AS BUFFERS, PROPERTY CORNERS, AND REPLACEMENT OF ALL PINS DAMAGED OR ELIMINATED BY CONSTRUCTION.
14. CONTRACTOR SHALL COORDINATE WITH THE ARCHITECTURAL PLANS, POWER COMPANY, AND TELEPHONE COMPANY FOR ACTUAL ROUTING OF POWER AND TELEPHONE SERVICE TO THE BUILDING.
15. CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO DRAINAGE, PAVEMENT, STRIPING, UTILITIES, CURB, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITION.
16. ANY UNSURFACED AREAS DISTURBED BY GRADING OPERATIONS SHALL RECEIVE 4 INCHES OF TOPSOIL AND SODDED USING BERMUDAGRASS HYBRID SOD UNLESS OTHERWISE DIRECTED BY OWNER.



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CAD NAME : 2015003-CP
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REVISIONS		
DESCRIPTION	INT.	DATE

CLIENT :

LOVE'S TRAVEL STOPS
& COUNTRY STORES

PROJECT :

EASTVIEW, TN

SHEET TITLE :

OVERALL GRADING PLAN



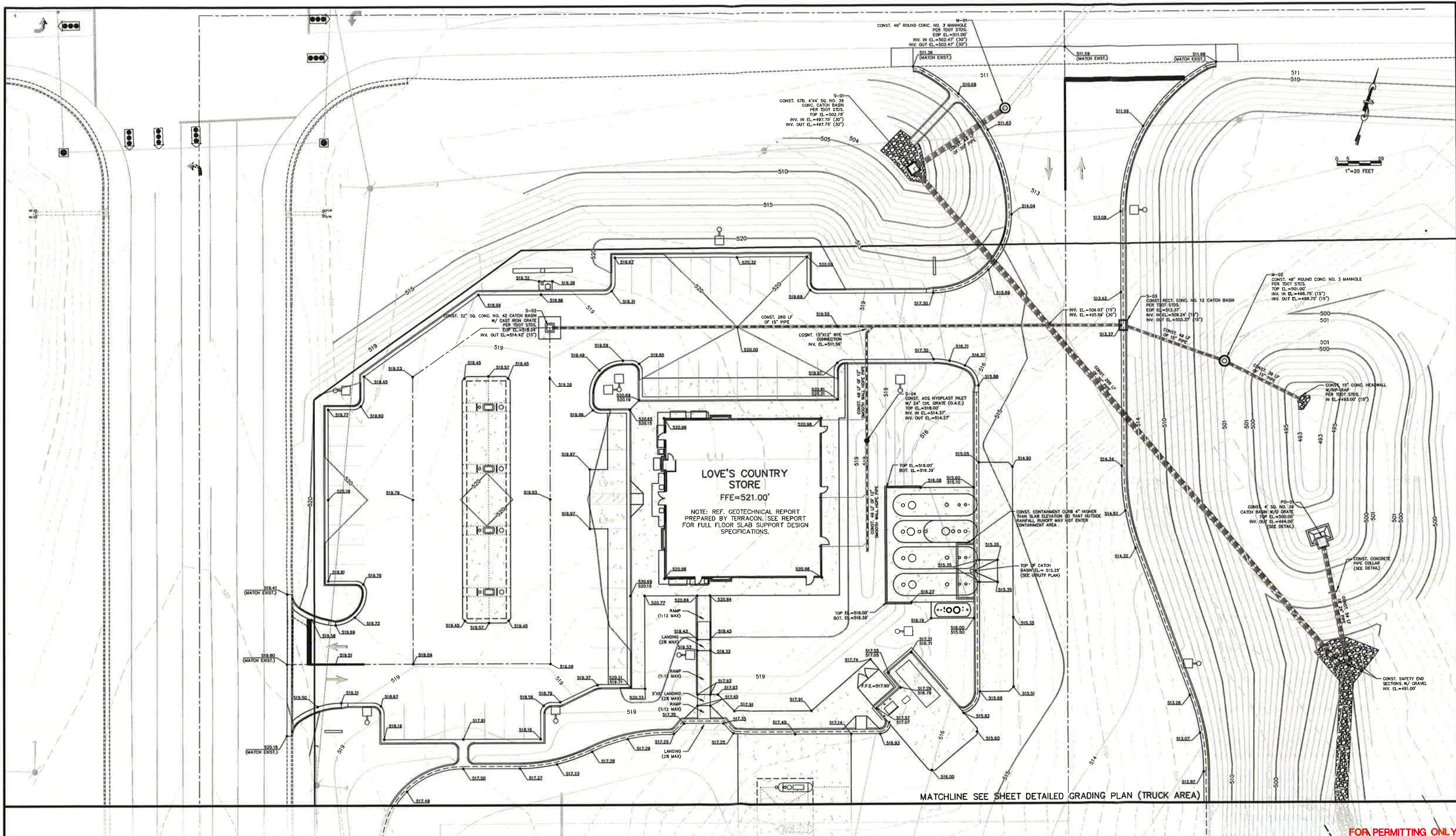
PROJ. NO. :

2015003

SHEET NO. :

C7

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DESCRIPTION	INT.	DATE	
SEE COVER SHEET	HDW	8/15/16	

CLIENT :

LOVE'S TRAVEL STOPS
& COUNTRY STORES

PROJECT :

EASTVIEW, TN

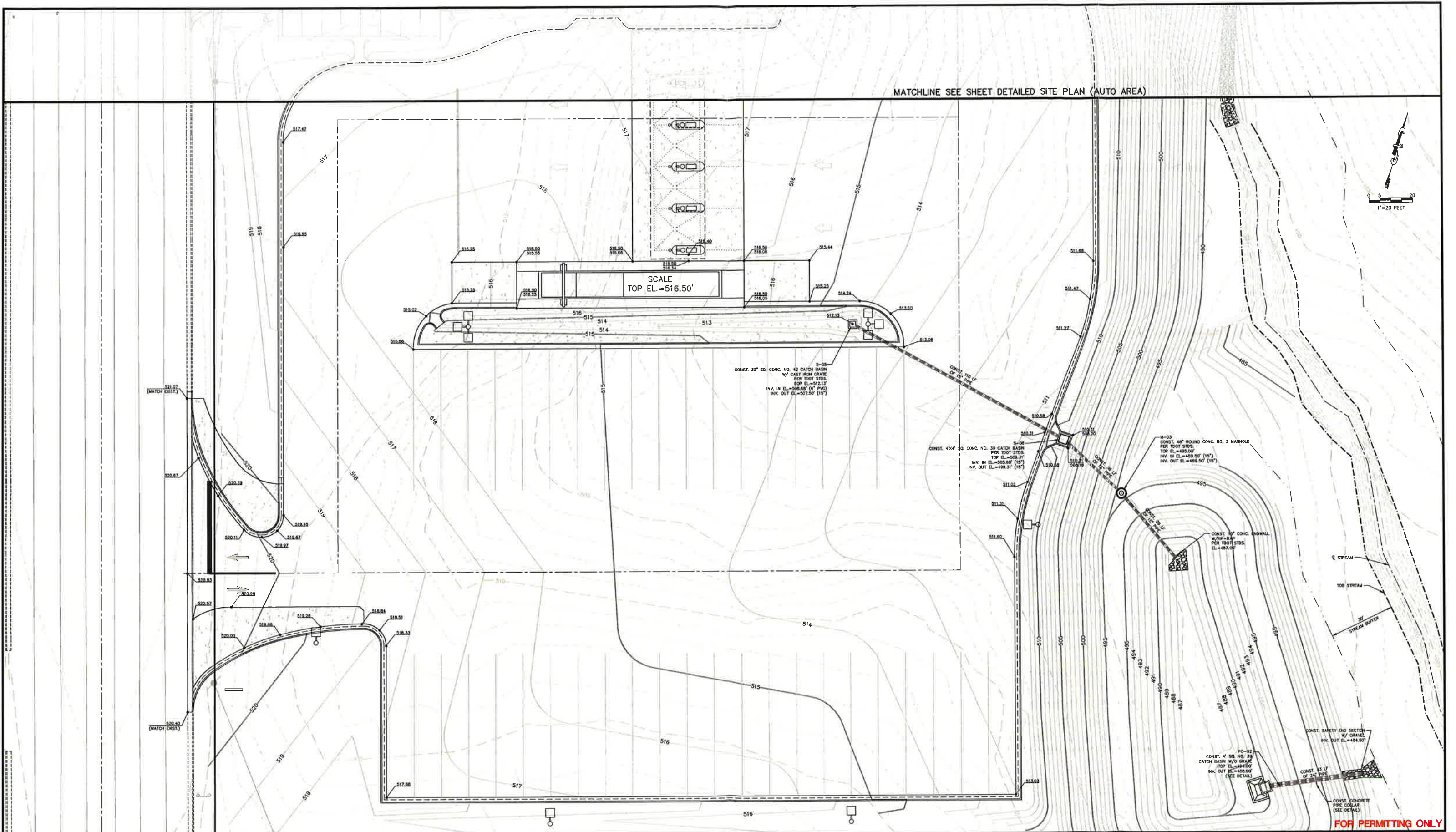
SHEET TITLE :

DETAILED GRADING PLAN
(AUTO AREA)



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PROJ. NO. :
2015003
SHEET NO. :
C8



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CLIENT :

**LOVE'S TRAVEL STOPS
& COUNTRY STORES**

PROJECT :

EASTVIEW, TN

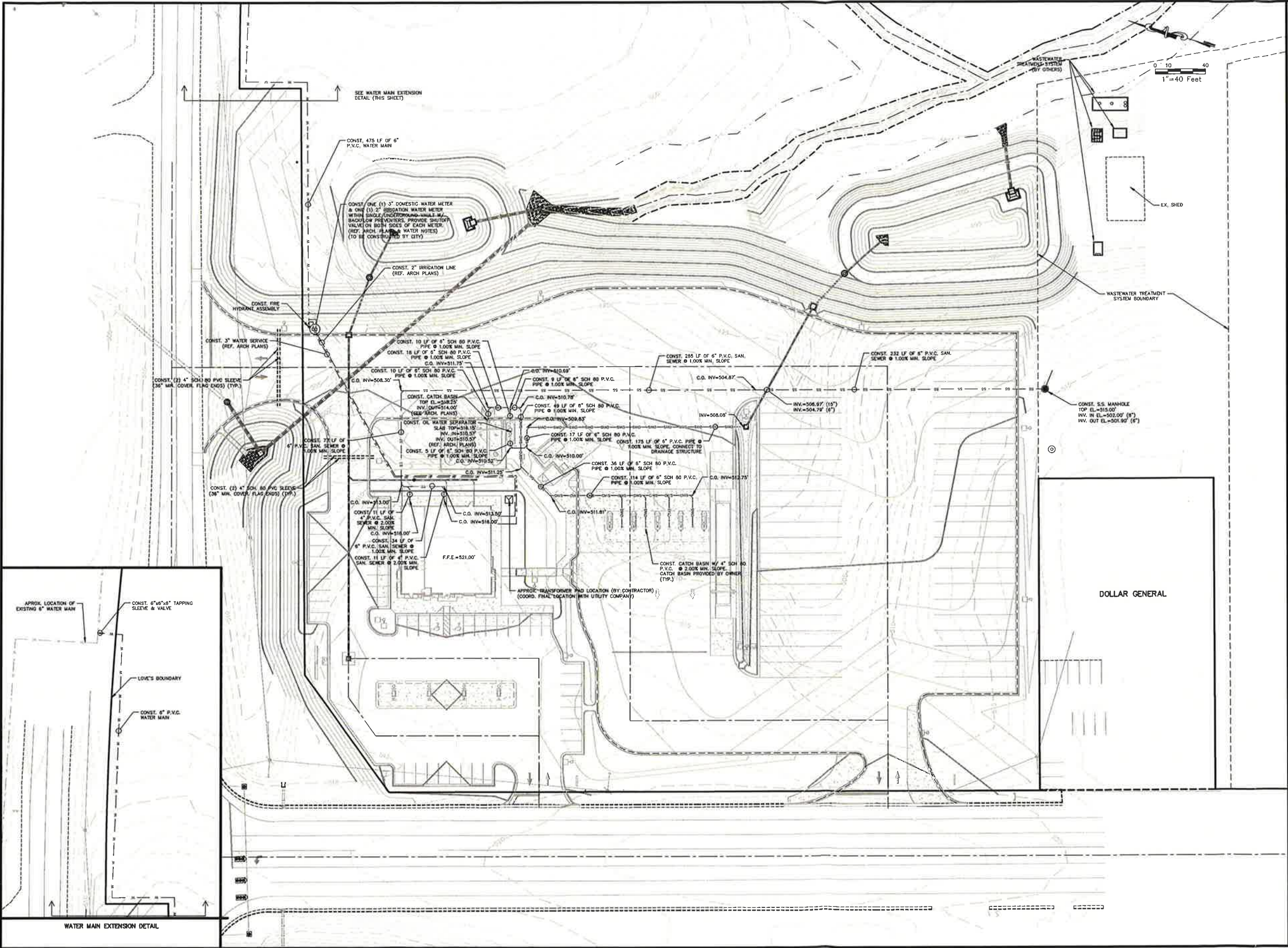
SHEET TITLE :

**DETAILED GRADING PLAN
(TRUCK AREA)**



PROJ. NO. :
2015003
SHEET NO. :
C9

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- UTILITY NOTES:**
1. REFERENCE GENERAL NOTES.
 2. REFERENCE CONTACTS LIST ON COVER SHEET.
 3. REFERENCE DETAIL SHEETS FOR CONSTRUCTION DETAILS.
 4. SITE WORK FOR THIS PROJECT SHALL MEET OR EXCEED THE PROJECT SITE WORK SPECIFICATIONS.
 5. CONSTRUCTION TO COMPLY WITH ALL GOVERNING CODES AND BE CONSTRUCTED TO SAME.
 6. CONSTRUCTION SHALL COMPLY WITH ALL GOVERNING CODES (I.E. CITY, COUNTY, ETC. STANDARDS AND SPECIFICATIONS) AND REQUIREMENTS. CONTRACTOR SHALL CONDUCT ALL TESTS TO THE SATISFACTION OF THE RESPECTIVE UTILITY COMPANIES AND OWNER'S INSPECTING AUTHORITIES.
 7. THE CONTRACTOR IS RESPONSIBLE FOR EXTENDING SERVICE LINES TO THE WATER & SANITARY SEWER MAINS.
 8. CONTRACTOR SHALL COORDINATE PROPOSED RECONNECTION OF ALL UTILITIES WITH ARCHITECTURAL PLANS AS WELL AS THE UTILITY COMPANY AND BUILDING CONTRACTOR.
 9. CONTRACTOR SHALL COMPLY FULLY WITH THE LATEST STANDARD OF OSHA DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING, AND OTHER MEANS OF PROTECTION. THIS INCLUDES BUT IS NOT LIMITED TO ACCESS AND EGRESS FROM ALL EXCAVATIONS AND TRENCHING. CONTRACTOR IS TO COMPLY WITH PERFORMANCE CRITERIA FOR OSHA.
 10. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL UTILITIES AND NOTIFYING THE APPROPRIATE UTILITY COMPANY PRIOR TO CONSTRUCTION.
 11. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF THE EXISTING UTILITIES AS SHOWN ON THE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS EXACT OR COMPLETE. THE CONTRACTOR MUST CONTACT THE APPROPRIATE UTILITY AT LEAST 72-HRS PRIOR TO ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES THAT CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
 12. CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING STORM SEWER STRUCTURES, PIPES, AND ALL UTILITIES BEFORE CONSTRUCTION.
 13. CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING IMPROVEMENT DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO, UTILITIES, PAVEMENT, STRIPING, CURBS, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITION.
 14. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS AND SPECIFICATIONS FOR ACTUAL LOCATION OF UTILITY ENTRANCES TO INCLUDE SANITARY SEWER LATERALS, DOMESTIC AND FIRE PROTECTION WATER SERVICE, ELECTRICAL, TELEPHONE, CABLE TV, AND GAS SERVICE. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF UTILITIES IN SUCH A MANNER SO AS TO AVOID CONFLICTS AND ASSURE PROPER DEPTHS ARE ACHIEVED, AS WELL AS COORDINATING WITH COUNTY UTILITY REQUIREMENTS FOR LOCATIONS AND SCHEDULING FOR TIE-INS AND CONNECTIONS PRIOR TO CONNECTING EXISTING FACILITIES.
 15. CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL PLANS, POWER COMPANY, & TELEPHONE COMPANY FOR ACTUAL ROUTING OF POWER AND TELEPHONE SERVICES TO THE BUILDING.
 16. CONTRACTOR SHALL PAY ALL FEES AND CHARGES PERTINENT TO UTILITY CONSTRUCTION AND SHALL COORDINATE WITH ALL UTILITIES FOR NECESSARY PERMITS AND LICENSES FOR THE WORK.
 17. SEE GEOTECHNICAL INVESTIGATION PROVIDED BY TERRACON FOR RECOMMENDATIONS ON BACKFILLING AND COMPACTION REQUIREMENTS ON UTILITY TRENCHES.
 18. CONTRACTOR SHALL COORDINATE WITH OTHER UTILITIES TO ASSURE PROPER DEPTH AND PREVENT ANY CONFLICT OF UTILITIES.
 19. THE MINIMUM HORIZONTAL SEPARATION BETWEEN THE CLOSEST TWO (2) POINTS OF A WATER AND SEWER MAIN IS TEN (10) FEET. WHERE A 10 FOOT PARALLEL SEPARATION CANNOT BE MAINTAINED BETWEEN A WATER MAIN AND A SEWER MAIN OR NONPOTABLE WATER MAIN, THEN THE WATER MAIN SHALL BE LAID IN A SEPARATE TRENCH OR ON AN UNDISTURBED EARTH SHELF AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER MAIN OR NONPOTABLE WATER MAIN WHILE MAINTAINING A HORIZONTAL SEPARATION OF AT LEAST 6 FEET. WHERE NEITHER OPTION IS FEASIBLE, BOTH WATER & SEWER MAINS SHALL BE CONSTRUCTED USING 150 PSI DUCTILE IRON PIPE WITH MECHANICAL TYPE OR SLIP-ON JOINTS.
 20. THE MINIMUM VERTICAL SEPARATION BETWEEN TWO(2) POINTS BETWEEN A WATER AND SEWER MAIN IS EIGHTEEN (18) INCHES. WHERE AN 18 INCH VERTICAL SEPARATION DISTANCE CANNOT BE MAINTAINED BETWEEN A WATER MAIN AND A SEWER MAIN OR NONPOTABLE WATER MAIN THEN THE WATER MAIN SHALL PASS OVER THE SEWER MAIN OR NONPOTABLE WATER MAIN WITH A MINIMUM VERTICAL CLEARANCE OF 6 INCHES. THE SEWER OR NONPOTABLE WATER MAIN SHALL BE 20 FEET OF DUCTILE IRON PIPE CENTERED ON THE POINT OF CROSSING AND THE WATER MAIN SHALL BE 20 FEET OF DUCTILE IRON PIPE WITH EL-MECHANICALLY REINFORCED JOINTS.
 21. CONTRACTOR SHALL COORDINATE INSPECTION OF ALL UTILITIES WITH THE APPROPRIATE AUTHORITIES BEFORE COVERING TRENCHES AT INSTALLATION.
 22. ALL EXCAVATIONS SHOULD BE SLOPED OR BRACED AS REQUIRED BY OSHA REGULATIONS TO PROVIDE STABILITY AND SAFE WORKING CONDITIONS. TEMPORARY EXCAVATIONS WILL PROBABLY BE REQUIRED DURING GRADING OPERATIONS. THE CONTRACTOR IS RESPONSIBLE FOR DESIGNING AND CONSTRUCTING STABLE TEMPORARY EXCAVATIONS, AND SHOULD SHORE, SLOPE, OR BENCH THE SIDES OF THE EXCAVATIONS AS REQUIRED TO MAINTAIN STABILITY OF BOTH THE EXCAVATION SIDES AND BOTTOM. ALL EXCAVATIONS SHOULD BE CONDUCTED IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL SAFETY REGULATIONS, INCLUDING THE CURRENT OCCUPATIONAL HEALTH AND SAFETY ADMINISTRATION (OSHA) EXCAVATION AND TRENCH SAFETY STANDARDS.
 23. CONSTRUCTION SITE SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR WHO CONTROLS THE MEANS, METHODS, AND SEQUENCING OF CONSTRUCTION OPERATIONS. UNDER NO CIRCUMSTANCES SHALL THE INFORMATION PROVIDED HEREIN BE INTERPRETED TO MEAN THAT THE OWNER OR CHIPOLA ENGINEERING GROUP, INC. IS ASSUMING ANY RESPONSIBILITY FOR CONSTRUCTION SITE SAFETY OR THE CONTRACTOR'S ACTIVITIES; SUCH RESPONSIBILITY SHALL BE NEITHER IMPLIED OR INFERRED.
- POWER NOTES:**
1. REFERENCE GENERAL NOTES.
 2. REFERENCE UTILITY NOTES.
 3. REFERENCE DETAIL SHEETS FOR CONSTRUCTION DETAILS.
 4. REFERENCE ARCHITECTURAL PLANS FOR ALL BUILDING SERVICE CONNECTIONS.
 5. ALL PRIMARY AND SECONDARY SERVICE CONNECTIONS ARE APPROXIMATE AND ARE SHOWN FOR COORDINATION PURPOSES ONLY.
 6. CONTRACTOR SHALL COORDINATE REMOVAL OF ALL EXISTING POWER FACILITIES IN CONFLICT WITH THE PROPOSED CONSTRUCTION.
 7. CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF TRANSFORMER PAD PER COMPANY SPECIFICATIONS.
 8. POWER COMPANY IS RESPONSIBLE FOR PRIMARY PVC CONDUITS, INCLUDING BEDDING, CONDUIT, TRENCHING, CONDUITORS, PULL WIRE, AND BACK FILLING. UNDERGROUND CONDUITS SHALL BE ONE- 5-INCH PVC SCH40 WITH A MIN. 36-INCH DEPTH OF COVER AN ALL BENDS SHALL BE SWEPT BENDS.
 9. CONTRACTOR IS RESPONSIBLE FOR SECONDARY INSTALLATION TO BUILDING PER POWER COMPANY REQUIREMENT.
 10. CONTRACTOR SHALL NOTIFY POWER COMPANY 48-HRS BEFORE WORK SO THAT CONDUIT INSTALLATION INSPECTIONS CAN BE PERFORMED.
 11. BACKFILLING OF TRENCHES AND COMPACTION SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL INVESTIGATION RECOMMENDATIONS PROVIDED BY TERRACON.
- WATER NOTES:**
1. REFERENCE GENERAL NOTES.
 2. REFERENCE UTILITY NOTES.
 3. REFERENCE SITE WORK SPECIFICATIONS.
 4. ALL WORK TO BE DONE TO THE CITY OF EASTVIEW STANDARDS AND SPECIFICATIONS.
 5. REFERENCE ARCHITECTURAL PLANS FOR ALL BUILDING DOMESTIC SERVICE CONNECTION LOCATIONS.
 6. CONTRACTOR SHALL COORDINATE THE REMOVAL OR RELOCATION OF ALL EXISTING WATER LINES IN CONFLICT WITH THE PROPOSED CONSTRUCTION.
 7. WATER METERS ARE TO BE PROVIDED BY THE CITY OF EASTVIEW. THE CITY SHALL MAKE WATER MAIN SERVICE TAPS AND CONSTRUCT METER BOXES AND VAULTS. CONTRACTOR IS TO EXTEND SERVICE AND INSTALL AN APPROVED BACK FLOW PREVENTER DEVICE OUTSIDE OF THE EASEMENT AS REQUIRED BY THE WATER COMPANY.
 8. THE PROPOSED COUNTRY STORE BUILDING AND PROPOSED TIRE SHOP ARE TO BE FULLY PROTECTED BY FIRE HYDRANTS SHOWN ON THIS PLAN. REFERENCE WATER COMPANY SPECIFICATIONS FOR ON-SITE PIPE TYPE, FITTINGS, VALVES, AND APPURTENANCES BASED ON PIPE SIZE REQUIREMENTS.
- SANITARY SEWER NOTES:**
1. REFERENCE GENERAL NOTES.
 2. REFERENCE UTILITY NOTES.
 3. ALL WORK IS TO BE DONE TO THE CITY OF EASTVIEW STANDARDS AND SPECIFICATIONS.
 4. REFERENCE ARCHITECTURAL PLANS FOR ALL BUILDING SERVICE AND DOMESTIC SERVICE CONNECTION LOCATIONS.
 5. COORDINATES AND DIMENSIONS SHOWN ARE TO CENTER OF PIPE OR MANHOLE.
 6. ALL SUB-OUTS AND WYE LATERALS ARE TO BE PLUGGED WITH A STANDARD TYPE PLUG.
 7. SANITARY SEWER PIPE OF DIFFERENT MATERIALS SHALL BE JOINED BY A RUBBER SLEEVE WITH A STAINLESS STEEL COUPLING MADE FOR TRANSITIONS FROM ONE PIPE MATERIAL TO ANOTHER.
 8. SANITARY SEWER PICK-UP POINT SHALL TERMINATE 5-FT OUTSIDE THE FACE OF THE BUILDING UNLESS NOTED OTHERWISE.
 9. THE TOP ELEVATION OF ALL MANHOLES IN GRASSED AREAS SHALL BE 6-INCHES ABOVE FINISHED GRADE.
 10. THE SANITARY SEWER PIPE SHALL BE PVC. SDR35 SEWER PIPE UNLESS NOTED OTHERWISE ON THE PLANS.
 11. CONTRACTOR SHALL GROUT AROUND ALL PIPE ENTRANCES TO THE SANITARY SEWER MANHOLE WITH NON-SHRINKING GROUT TO ENSURE THE CONNECTIONS ARE WATER TIGHT.

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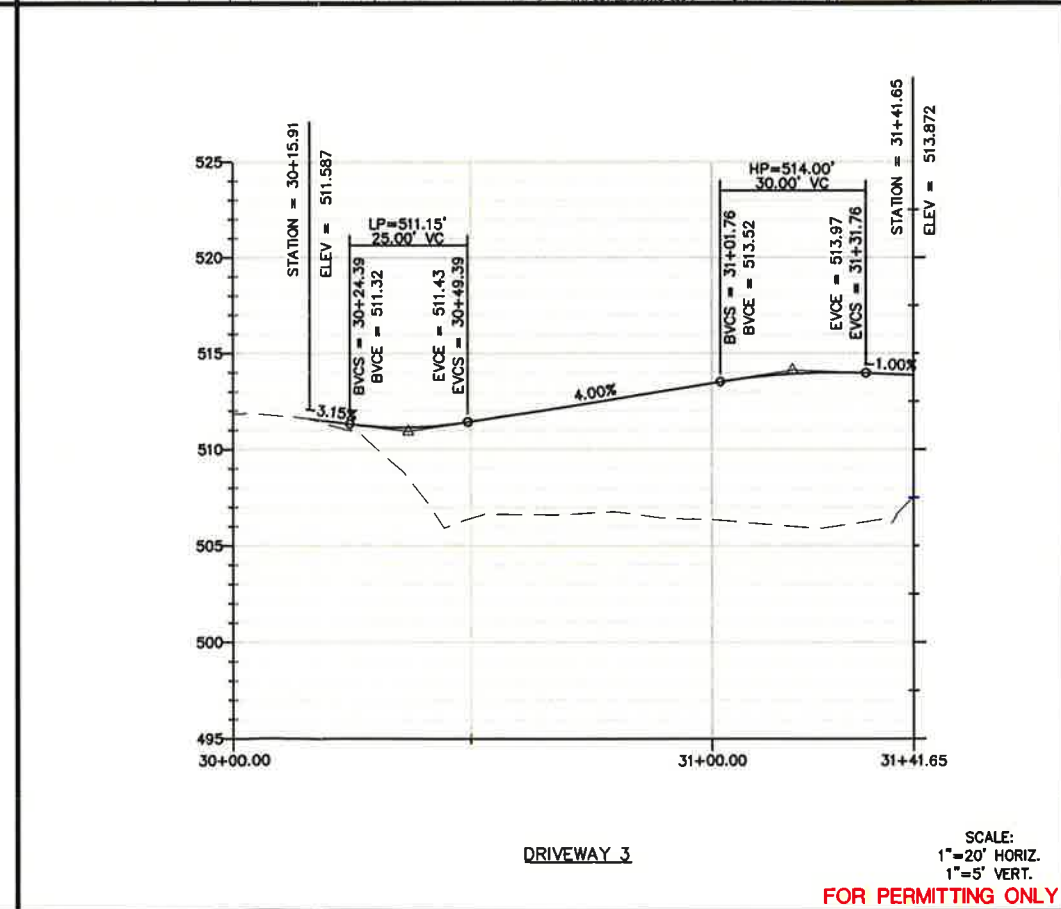
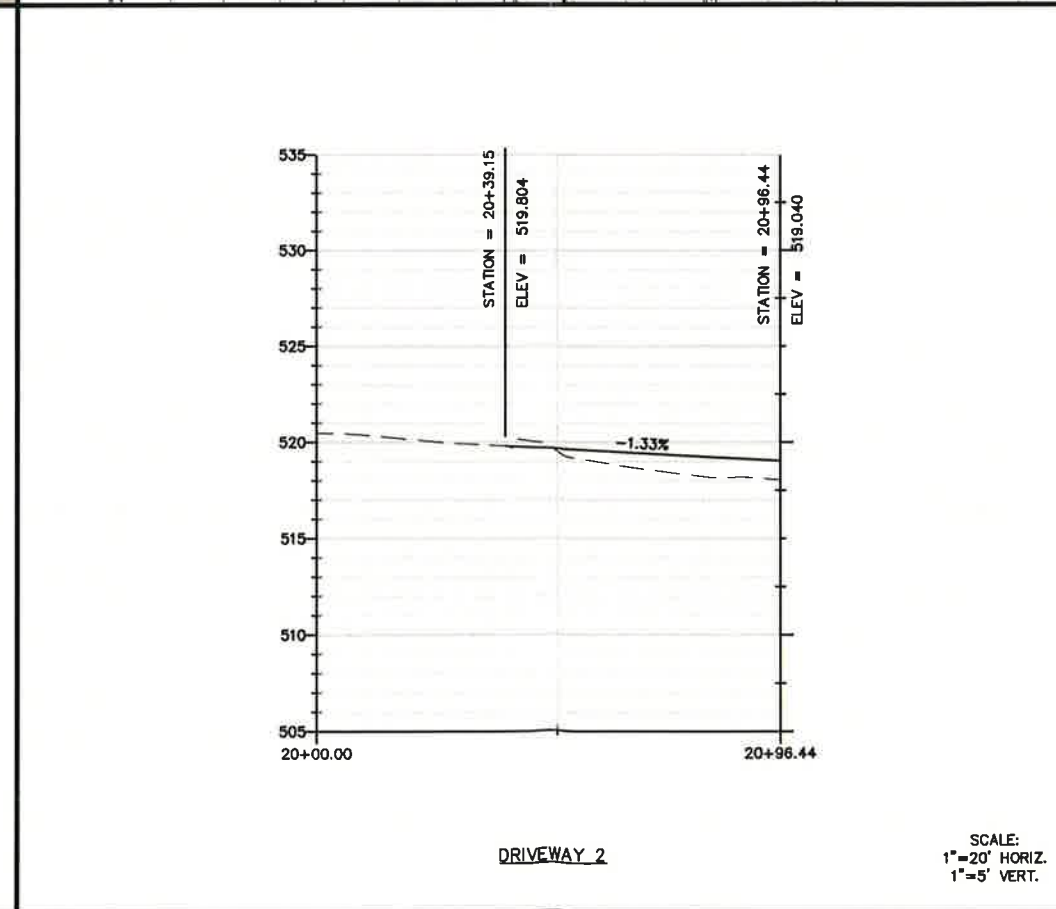
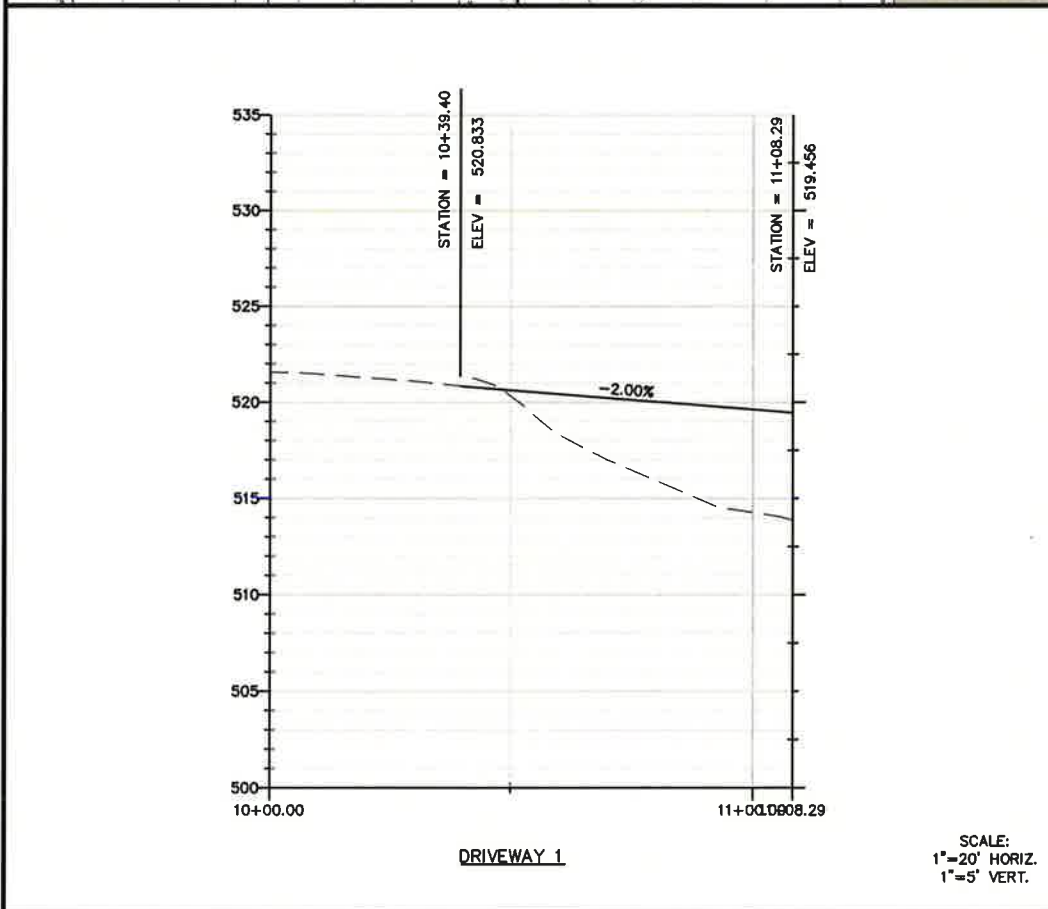
DRAWN BY :		DATE :		REVISIONS	
JDK		03/04/16		DESCRIPTION	INT. DATE
CHECKED BY :		DATE :		SEE COVER SHEET	HDW 8/15/16
SAP		03/04/16			
DESIGNED BY :		CAD NAME :			
HDW		2015003-CP			
SCALE :		PLOT DATE :			
1"=40'		07/05/16			

CLIENT : LOVE'S TRAVEL STOPS & COUNTRY STORES

PROJECT : EASTVIEW, TN

SHEET TITLE : UTILITY PLAN

PROJ. NO. : 2015003
SHEET NO. : C10



EROSION & SEDIMENTATION CONTROL (E&SC) PERMITTEE SPECIAL NOTES:

- THE PERMITTEE SHALL POST A NOTICE NEAR THE MAIN ENTRANCE OF THE CONSTRUCTION SITE WITH THE FOLLOWING INFORMATION:
- A COPY OF THE NOTICE OF COVERAGE (NOC) WITH THE NPDES PERMIT NUMBER FOR THE PROJECT.
 - THE NAME AND TELEPHONE NUMBER OF A LOCAL CONTACT PERSON.
 - A BRIEF DESCRIPTION OF THE PROJECT.
 - THE LOCATION OF THE E&SC PLAN IF THE SITE IS INACTIVE OR DOES NOT HAVE AN ONSITE LOCATION TO STORE THE PLAN.
 - PERMITTEE SHALL PERFORM INSPECTIONS DESCRIBED IN SECTION 3.5.8 OF THE PERMIT BEFORE ANTICIPATED STORM EVENTS (OR SERIES OF STORM EVENTS), AND WITHIN 24 HOURS AFTER THE END OF A STORM EVENT OF 0.5 INCHES OR GREATER, AT A FREQUENCY OF AT LEAST TWICE PER CALENDAR WEEK.

E&SC GENERAL CRITERIA AND REQUIREMENTS:

- ALL CONTROL MEASURES MUST BE PROPERLY SELECTED, INSTALLED, AND MAINTAINED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. IF PERIODIC INSPECTIONS OR OTHER INFORMATION INDICATES A CONTROL HAS BEEN USED INAPPROPRIATELY, OR INCORRECTLY, THE PERMITTEE MUST REPLACE OR MODIFY THE CONTROL FOR SITE SITUATIONS.
- IF SEDIMENT ESCAPES THE CONSTRUCTION SITE, OFFSITE ACCUMULATIONS OF SEDIMENT THAT HAVE NOT REACHED A STREAM MUST BE REMOVED AT A FREQUENCY SUFFICIENT TO MINIMIZE OFFSITE IMPACTS (E.G., FLOODING SEDIMENT THAT HAS ESCAPED THE CONSTRUCTION SITE AND HAS COLLECTED IN THE STREET MUST BE REMOVED SO THAT IT IS NOT SUBSEQUENTLY WASHED INTO STORM SEWER AND STREAMS BY THE NEXT RAIN AND/OR SO THAT IT DOES NOT POSE A SAFETY HAZARD TO USERS OF PUBLIC STREETS). THIS PERMIT DOES NOT AUTHORIZE ACCESS TO PRIVATE PROPERTY.
- SEDIMENT SHOULD BE REMOVED FROM SEDIMENT BASINS, SEDIMENT TRAPS, SEDIMENT TUBE BARRIERS, SILT FENCES, AND OTHER SEDIMENT CONTROLS AS NECESSARY, AND MUST BE REMOVED WHEN DESIGN CAPACITY HAS BEEN REDUCED BY 50%.
- LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION CHEMICALS EXPOSED TO STORMWATER SHALL BE PICKED UP PRIOR TO ANTICIPATED STORM EVENTS (E.G., FORECASTED BY LOCAL WEATHER REPORTS), OR OTHERWISE PREVENTED FROM BECOMING A POLLUTANT SOURCE FOR STORM WATER DISCHARGES (E.G., SCORCHED OUTFALLS, DAILY PICKUP, ETC.). AFTER STABILIZATION, SILT FENCES SHOULD BE REMOVED OR OTHERWISE PREVENTED FROM BECOMING A POLLUTANT SOURCE FOR STORM WATER DISCHARGES.
- PRE-CONSTRUCTION VEGETATION COVER SHALL NOT BE DESTROYED, REMOVED OR DISTURBED MORE THAN 20 CALENDAR DAYS PRIOR TO GRADING OR EARTH MOVING UNLESS THE AREA IS SEEDED AND/OR MULCHED OR OTHER TEMPORARY COVER IS INSTALLED.
- CLEARING AND GRUBBING MUST BE HELD TO THE MINIMUM NECESSARY FOR GRADING AND EQUIPMENT OPERATION.
- CONSTRUCTION MUST BE SEQUENCED TO MINIMIZE THE EXPOSURE TIME OF GRADED OR DENUDED AREAS.
- EROSION AND SEDIMENT CONTROL MEASURES MUST BE IN PLACE AND FUNCTIONAL BEFORE EARTH MOVING OPERATIONS BEGIN, AND MUST BE CONSTRUCTED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. TEMPORARY MEASURES MAY BE REMOVED AT THE BEGINNING OF THE WORK DAY, BUT MUST BE REPLACED AT THE END OF THE WORK DAY, ONSITE.
- EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
- ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

SEDIMENT & EROSION CONTROL NOTES:

- CONTRACTOR IS TO ADHERE TO THE TENNESSEE EROSION & SEDIMENT CONTROL HANDBOOK.
- CONTRACTOR SHALL BE RESPONSIBLE DURING CONSTRUCTION FOR THE CONTINUOUS MAINTENANCE OF SEDIMENT & EROSION CONTROL MEASURES AS CALLED FOR ON THE DRAWINGS & PER THE IN EROSION & SEDIMENT CONTROL HANDBOOK.
- SEDIMENT & EROSION CONTROL FACILITIES & STORM DRAIN FACILITIES SHALL BE CONSTRUCTED PRIOR TO ANY OTHER CONSTRUCTION.
- SEDIMENT & EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL ALL CONSTRUCTION IS COMPLETE & UNTIL A PERMANENT GROUND COVER HAS BEEN ESTABLISHED.
- ALL GRADED AREAS SHALL BE STABILIZED WITH A TEMPORARY FAST GROWING COVER AND/OR MULCH, NO LATER THAN 2 WEEKS AFTER EARTH DISTURBING ACTIVITY ENDS IN THESE AREAS WHERE GRADING ACTIVITY HAS CEASED & FINE GRADING WILL NOT TAKE PLACE FOR AT LEAST 15 DAYS.
- EXISTING DRAINAGE STRUCTURES TO BE INSPECTED REPAIRED AS NEEDED & CLEANED OUT TO REMOVE ALL SILT & DEBRIS.
- ADDITIONAL EROSION CONTROL MEASURES SHALL BE USED AS REQUIRED.
- IF ANY FINES OR PENALTIES ARE LEVIED AGAINST THE PROPERTY OR PROPERTY OWNER BECAUSE OF LACK OF EROSION AND/OR SEDIMENT CONTROL, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PAYMENT OF SUCH FINES OR PENALTIES OF THE COST OF ANY FINES OR PENALTIES SHALL BE DEDUCTED FROM THE CONTRACT AMOUNT.
- EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL. ADDITIONAL EROSION & SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
- CONSTRUCTION EXIT SHALL BE MAINTAINED ON A CONTINUOUS BASIS.
- THE CONTRACTOR SHALL USE WHATEVER MEASURES ARE REQUIRED TO PREVENT SILT & CONSTRUCTION DEBRIS FROM FLOWING ONTO ADJACENT PROPERTIES. THIS CAN BE ACCOMPLISHED BY SMALL, TEMPORARY SEDIMENT POINTS, SILT FENCES OF STEEL WIRE & BURLAP OR BARRIERS OF CEDAR TREES AND/OR BALES OF STRAW. CONTRACTOR SHALL COMPLY WITH ALL LOCAL EROSION, CONSERVATION & SILTATION ORDINANCES. CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROL STRUCTURES UPON COMPLETION OF PERMANENT DRAINAGE FACILITIES & THE ESTABLISHMENT OF A STAND OF GRASS SUFFICIENT TO PREVENT EROSION.
- CONTRACTOR SHALL TAKE ALL AVAILABLE PRECAUTIONS TO CONTROL DUST. CONTRACTOR SHALL CONTROL DUST BY SPRINKLING, BY APPLYING CALCIUM CHLORIDE, OR BY OTHER METHODS AS DIRECTED BY ENGINEER AND/OR OWNER'S REPRESENTATIVE, AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR TO COMPLY WITH ALL STATE & LOCAL SEDIMENT CONTROL & AIR POLLUTION ORDINANCES OR RULES.
- ALL DISTURBED AREAS THAT ARE NOT TO BE PAVED ARE TO BE GRASSSED.
- TEMPORARY EROSION CONTROL DEVICES TO BE INSTALLED PRIOR TO BEGINNING OF GRADING. CONTRACTOR SHALL MAINTAIN ALL TEMPORARY EROSION CONTROL DEVICES & SHALL REMOVE SILT FROM BERM DITCHES, SILT DAMS, & SILT FENCES AS NEEDED.
- ALL SIDE DITCHES TO BE CLEANED AND/OR REGRADED TO PROVIDE PROPER DRAINAGE.
- ALL AREAS NOT OTHERWISE SURFACED ARE TO BE SEEDED, LANDSCAPED, MULCHED, WATERED & MAINTAINED UNTIL ADEQUATE STAND OF GRASS IS OBTAINED.
- CONTRACTOR SHALL BE RESPONSIBLE DURING CONSTRUCTION FOR THE CONTINUOUS MAINTENANCE OF SEDIMENT & EROSION CONTROL MEASURES AS CALLED FOR ON THE DRAWINGS.
- SILT FENCE AND/OR HAY BALES SHALL BE CLEANED OR REPLACED WHEN SILT BUILDS UP TO WITHIN ONE FOOT OF TOP OF SILT FENCE AND/OR HAY BALES. EXISTING DRAINAGE STRUCTURES ARE TO BE INSPECTED REPAIRED AS NEEDED & CLEANED OUT TO REMOVE ALL SILT & DEBRIS.
- THE TDEC INSPECTOR SHALL BE NOTIFIED PRIOR TO DEWATERING SEDIMENT BASINS FOR PERIODIC MAINTENANCE AND SEDIMENT REMOVAL.
- A METHOD FOR PERIODICALLY DEWATERING SEDIMENT BASINS AND TRAPS SHALL BE SUBMITTED AND APPROVED BY THE TDEC INSPECTOR PRIOR TO SEDIMENT REMOVAL OPERATIONS. WATER THAT IS PUMPED OFFSITE MUST NOT CAUSE A WATER QUALITY VIOLATION. CONSTRUCTION WATER MAY BE SLOWLY PUMPED FROM THE SURFACE OF THE SEDIMENT POND UNTIL DISCHARGE BECOMES NOTICEABLY TURBID. THE USE OF FLOODGATES AND/OR FILTER BAGS SHALL BE REQUIRED WHEN DISCHARGE REACHES A TURBID LEVEL THAT IS UNACCEPTABLE AS DETERMINED BY THE TDEC INSPECTOR.
- ONCE THE DISTURBED AREA HAS BEEN SUFFICIENTLY STABILIZED, AS DETERMINED BY THE TDEC INSPECTOR, THE SEDIMENT BASINS SHALL BE CONVERTED TO PERMANENT STORMWATER DETENTION FACILITIES. THE FAIRCLOTH STYLE SUMMERS SHALL BE REMOVED AND THE HOLES SHALL BE CAPPED AND SEALED. THE TEMPORARY GROUT SHALL BE REMOVED FROM THE PERMANENT DRAINAGE ORifices AND THE OUTFALL STRUCTURES SHALL BE FINALIZED PER THE DETAIL ON THE DRAINAGE DETAIL SHEET.
- SEEDING & FERTILIZING RATES FOR TEMPORARY & PERMANENT STANDS OF GRASS SHALL BE PER THESE PLANS AND SPECIFICATIONS.

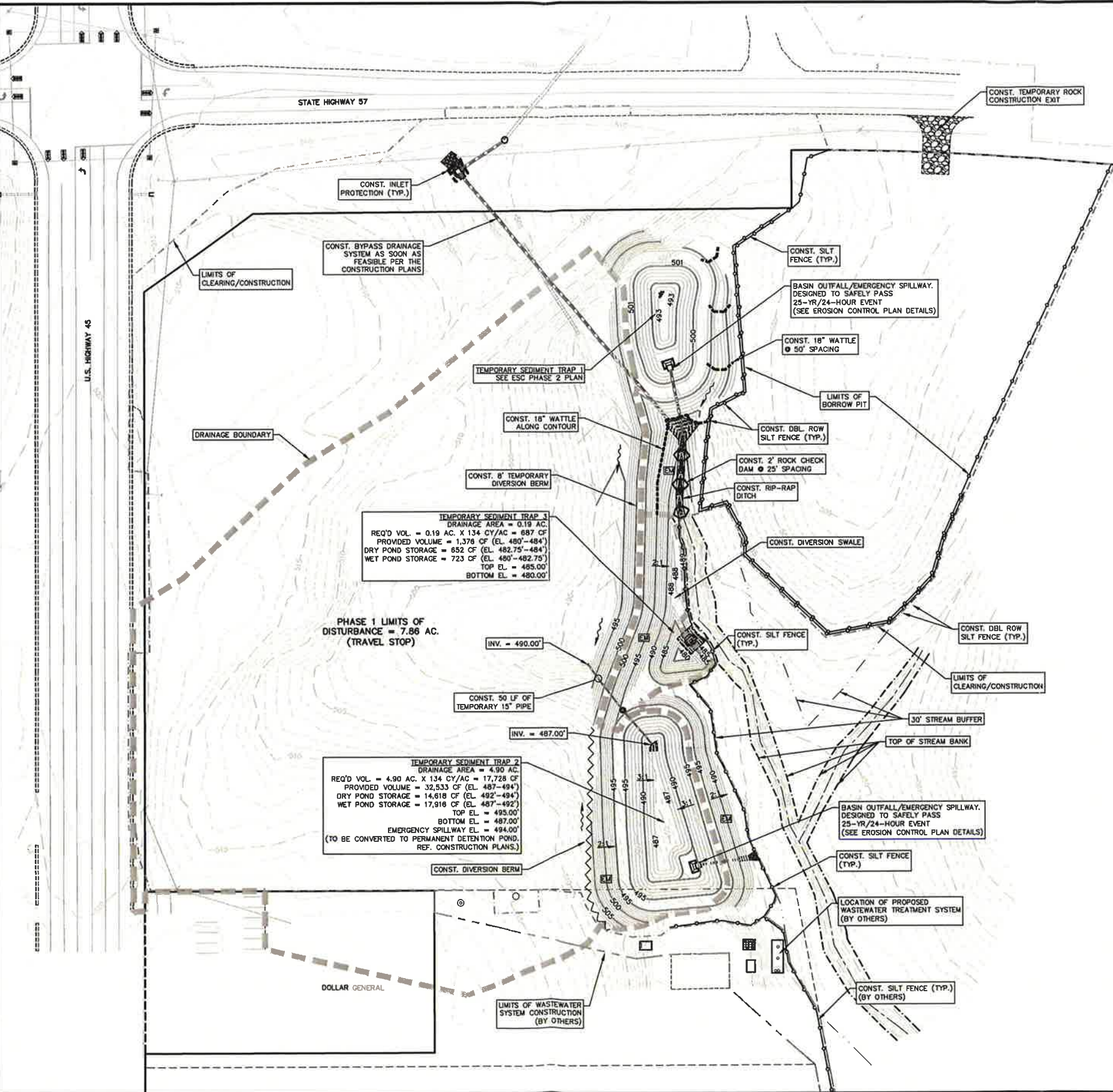
LEGEND

- MU** TEMPORARY MULCH*
(SLOPES FLATTER THAN 3:1)
- EM** TEMPORARY EROSION CONTROL MATTING
(SLOPES 3:1 OR STEEPER)

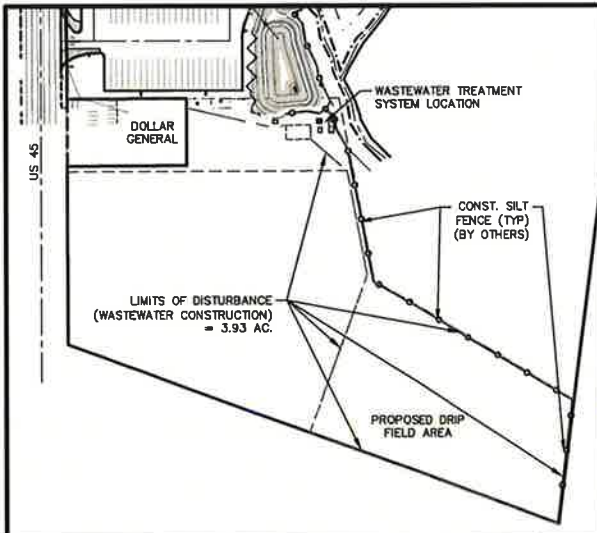
*STRAW MULCH MUST BE TACKED OR OTHERWISE RESTRAINED

PHASE I IMPLEMENTATION SEQUENCE:

- INSTALL GRAVEL CONSTRUCTION EXIT AND SILT FENCE.
- CONSTRUCT TEMPORARY SEDIMENT TRAPS AS SHOWN ON THIS PLAN AND THE DRAINAGE BYPASS SYSTEM AS SHOWN ON THE GRADING PLANS.
- CONSTRUCT STORMWATER DIVERSION BERMS.
- STABILIZE THE PERMANENT SLOPE AREAS SHOWN ON THIS PLAN PRIOR TO TRANSITIONING TO PHASE II OF THE EROSION CONTROL PLAN.



LIMITS OF DISTURBANCE (TRAVEL STOP) = 10.18 AC.
LIMITS OF DISTURBANCE (WASTEWATER CONSTRUCTION) = 3.93 AC.



WASTEWATER DRIP FIELD BMP PLAN

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CONSTRUCTION SERVICES
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DRAWN BY : BRH
DATE : 5/31/16
CHECKED BY : HDW
DATE : 6/1/16
DESIGNED BY : CAD NAME :
HDW
2015003-CP
SCALE : PLOT DATE :
1"=50' 07/05/16

REVISIONS	
DESCRIPTION	INT. DATE
SEE COVER SHEET	HDW 8/15/16

CLIENT :

LOVE'S TRAVEL STOPS
& COUNTRY STORES

PROJECT :

EASTVIEW, TN

SHEET TITLE :

S.W.P.P. & EROSION
CONTROL PLAN
(PHASE I)



PROJ. NO. :
2015003
SHEET NO. :
C12

PHASE II IMPLEMENTATION SEQUENCE:

1. ONLY AFTER THE PERMANENT SLOPE AREAS HAVE BEEN STABILIZED AS SHOWN ON THE PHASE I PLAN, BEGIN TRANSITION TO THE PHASE II PLAN AS SHOWN ON THIS SHEET.
2. MAINTAIN SILT FENCE AND OTHER TEMPORARY EROSION CONTROL MEASURES.
3. GRADE BUILDING PAD AREA.
4. BEGIN ROUGH GRADING AUTO AND TRUCK AREAS AND BEGIN SITE DRAINAGE SYSTEM CONSTRUCTION WITH INLET PROTECTION. DIRECT RUNOFF FROM THE AREA AROUND THE BUILDING PADS TO THE DRAINAGE SYSTEM AS PRACTICAL.
5. CONSTRUCT DIVERSION BERMS AS AREAS ARE BROUGHT UP TO FINAL GRADE ELEVATIONS.
6. UPON COMMENCEMENT OF THE AUTO AND TRUCK AREA PAVING OPERATIONS, BEGIN TRANSITIONING TO THE PHASE III EROSION CONTROL PLAN.

LEGEND

- [MU] TEMPORARY MULCH* (SLOPES FLATTER THAN 3:1)
- [EM] TEMPORARY EROSION CONTROL MATTING (SLOPES 3:1 OR STEEPER)

*STRAW MULCH MUST BE TACKED OR OTHERWISE RESTRAINED

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DESIGNED BY : HDW
SCALE : 1"=50'
DATE : 6/2/16
DATE : 6/2/16
CAD NAME : 2015003-CP
PLOT DATE : 07/05/16

REVISIONS			
DESCRIPTION	INT.	DATE	
SEE COVER SHEET	HDW	8/15/16	

CLIENT :

LOVE'S TRAVEL STOPS
& COUNTRY STORES

PROJECT :

EASTVIEW, TN

SHEET TITLE :

S.W.P.P. & EROSION
CONTROL PLAN
(PHASE II)

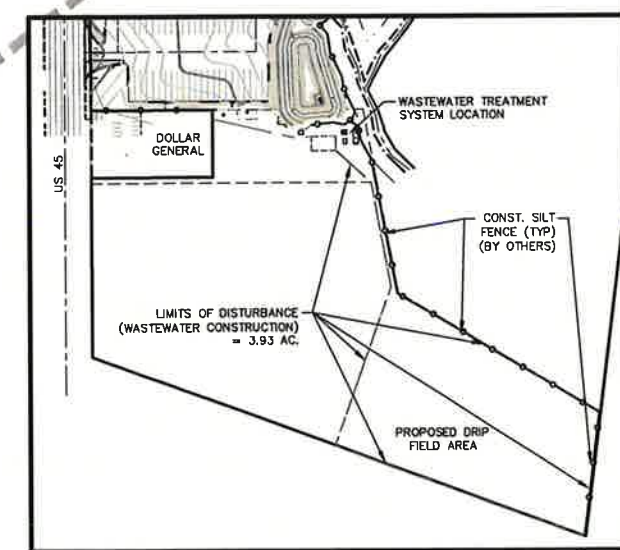
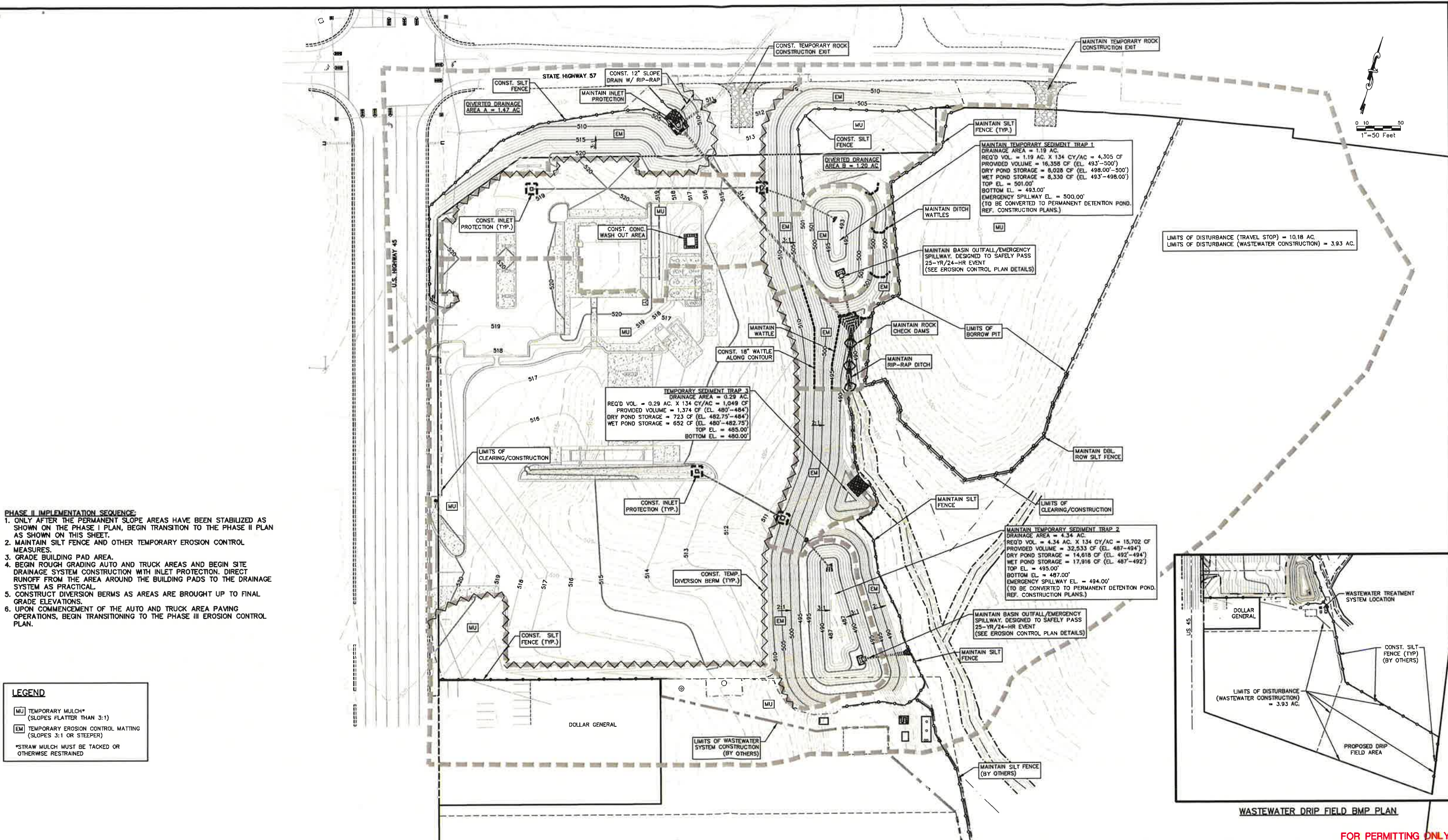


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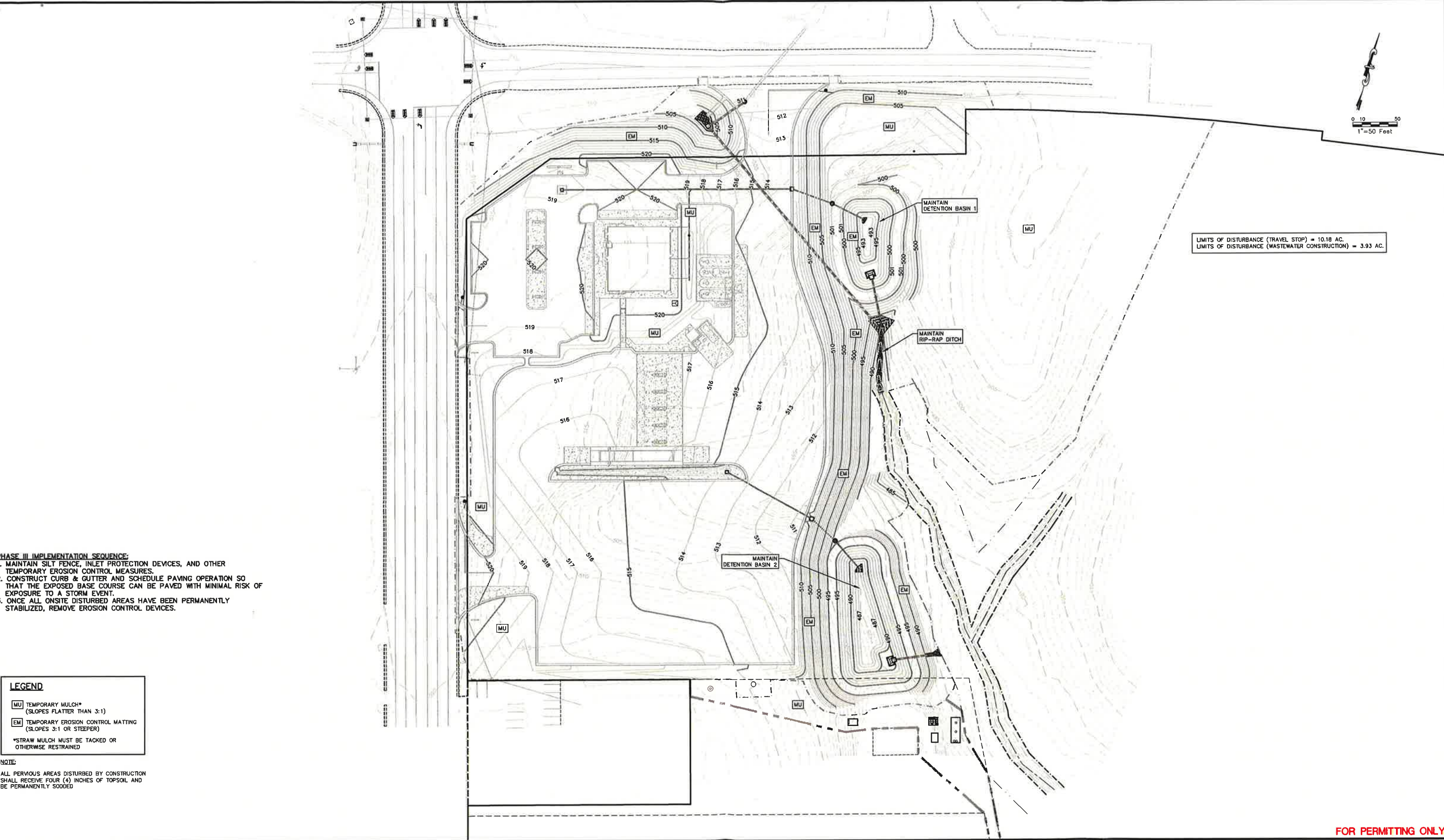
SHEET NO. :

C13



WASTEWATER DRIP FIELD BMP PLAN

FOR PERMITTING ONLY



- PHASE III IMPLEMENTATION SEQUENCE:**
1. MAINTAIN SILT FENCE, INLET PROTECTION DEVICES, AND OTHER TEMPORARY EROSION CONTROL MEASURES.
 2. CONSTRUCT CURB & GUTTER AND SCHEDULE PAVING OPERATION SO THAT THE EXPOSED BASE COURSE CAN BE PAVED WITH MINIMAL RISK OF EXPOSURE TO A STORM EVENT.
 3. ONCE ALL ONSITE DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED, REMOVE EROSION CONTROL DEVICES.

LEGEND

- MU** TEMPORARY MULCH*
(SLOPES FLATTER THAN 3:1)
- EM** TEMPORARY EROSION CONTROL MATTING
(SLOPES 3:1 OR STEEPER)

*STRAW MULCH MUST BE TACKED OR OTHERWISE RESTRAINED

NOTE:

ALL PERVIOUS AREAS DISTURBED BY CONSTRUCTION SHALL RECEIVE FOUR (4) INCHES OF TOPSOIL AND BE PERMANENTLY SOODED

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CAD NAME :
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SCALE :
1"=50'
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07/05/16

REVISIONS		
DESCRIPTION	INT.	DATE
SEE COVER SHEET	HDW	8/15/16

CLIENT :

LOVE'S TRAVEL STOPS
& COUNTRY STORES

PROJECT :

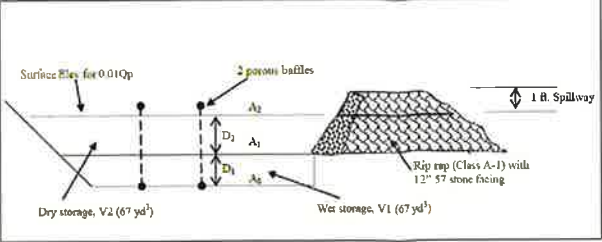
EASTVIEW, TN

SHEET TITLE :

S.W.P.P. & EROSION
CONTROL PLAN
(PHASE III)



PROJ. NO. :
2015003
SHEET NO. :
C13.1

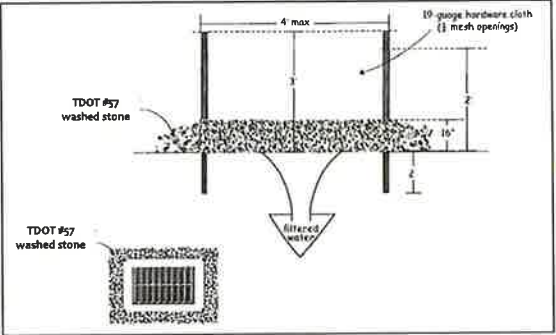


SEDIMENT TRAP DETAIL

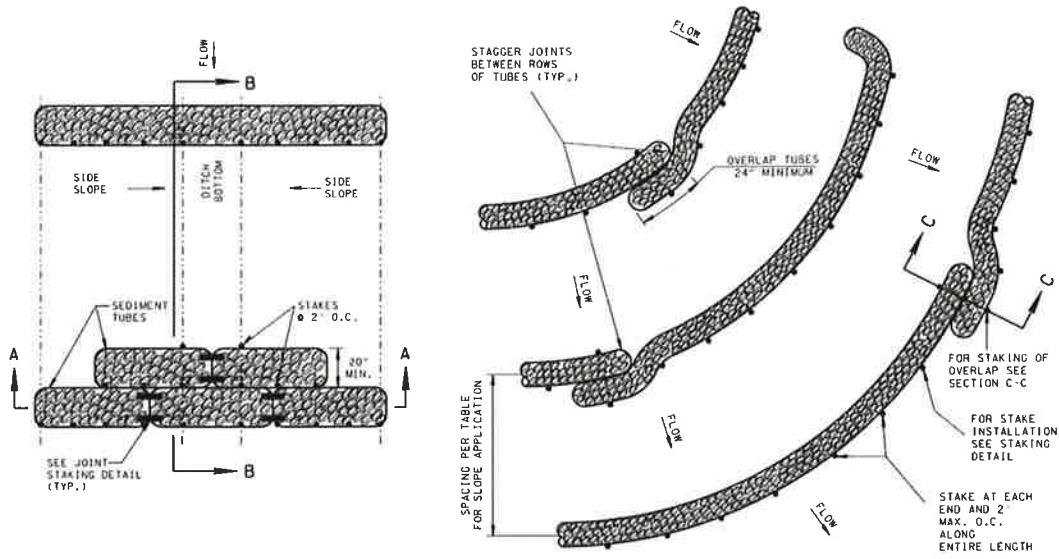
Zone	Best	Marginal	Preferred Rate/Mix (lb/ac PLS)
Region I	Poorly drained soils Feb 1 – Mar 20 Sept 1 – Sept 30	Mar 20 – Apr 30 Sept 30 – Oct 31	15 Browntop millet* (nurse crop) 2 switch grass 4 little bluestem 4 Virginia wild rye 4 purpletop 2 partridge pea 2 black-eyed susan
	Well drained soils Apr 1 – July 15		15 Browntop millet* (nurse crop) 4 little blue stem 4 purpletop 2 sidecoats gramma 2 partridge pea 2 black-eyed susan
	High maintenance Apr 1 – July 15		15 Browntop millet* (nurse crop) 2 partridge pea 45 Red fescue* 45 hard fescue* 25 chewing fescue*

PERMANENT SEEDING REQUIREMENTS

NOTES:
1. IF PERMANENT SLOPES ARE TO BE STABILIZED OUTSIDE OF THE DATE RANGES LISTED ABOVE, PINNED SOD SHALL BE USED.
2. PINNED SOD SHALL BE USED TO SUPPLEMENT PERMANENT SLOPE STABILIZATION WHERE PERMANENT SEEDING DOES NOT ESTABLISH IN A GOOD STAND.

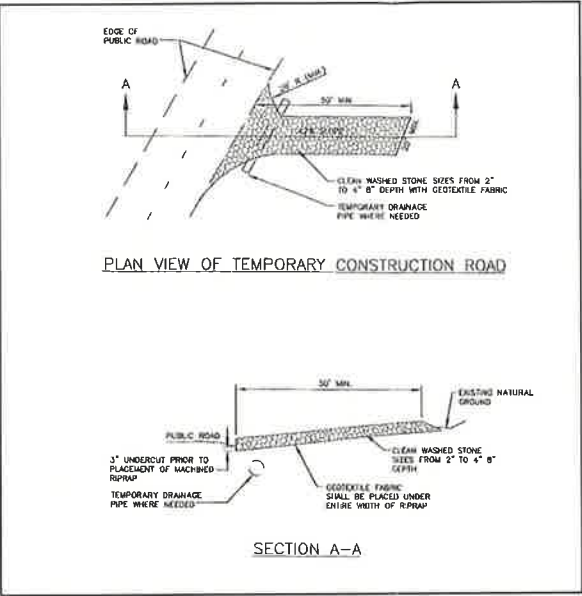


INLET PROTECTION



PLAN VIEW FOR DITCH APPLICATION

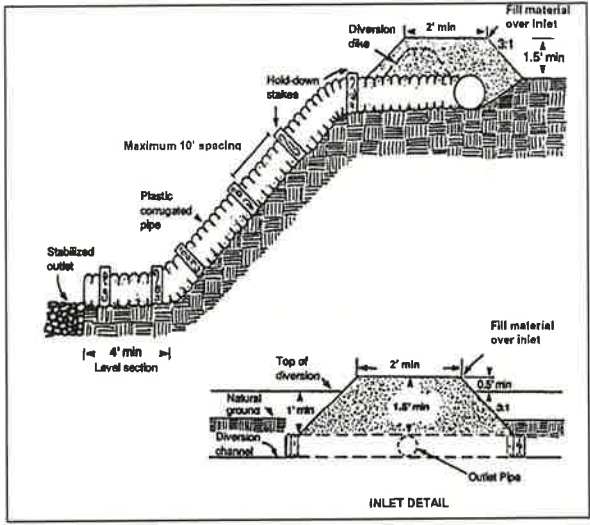
PLAN VIEW FOR SLOPE APPLICATION



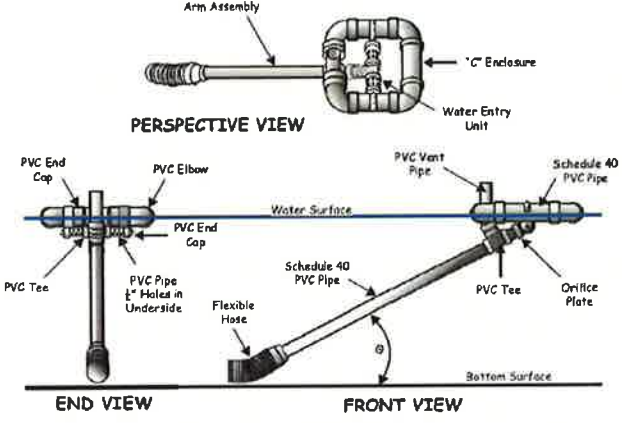
PLAN VIEW OF TEMPORARY CONSTRUCTION ROAD

SECTION A-A

CONSTRUCTION EXIT DETAIL



TEMPORARY SLOPE DRAIN DETAIL



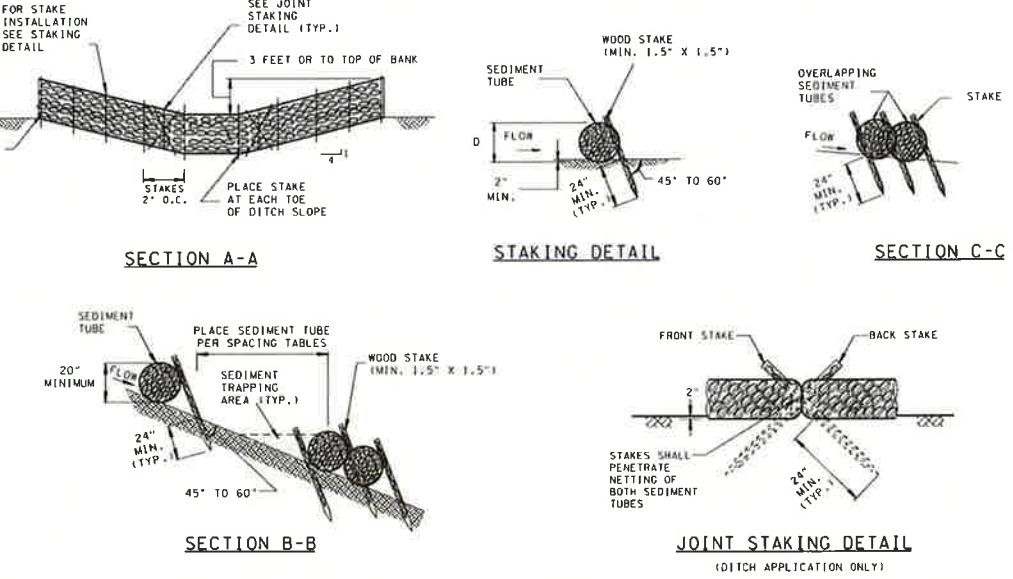
PERSPECTIVE VIEW

END VIEW

FRONT VIEW

FAIRCLOTH SKIMMER DETAIL

REF. TENNESSEE EROSION & SEDIMENT CONTROL HANDBOOK



SECTION A-A

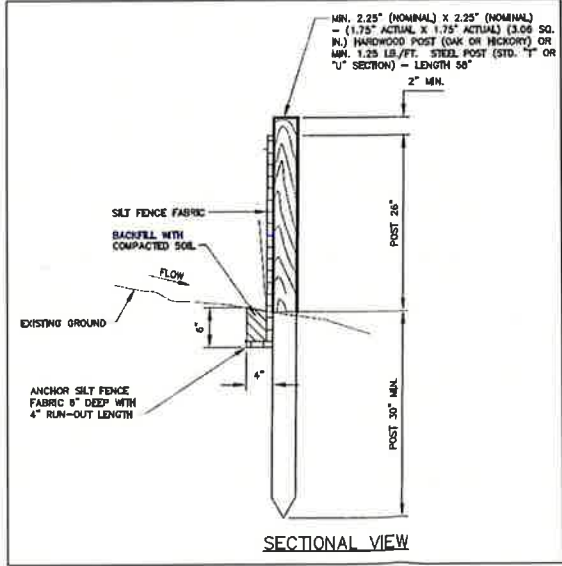
STAKING DETAIL

SECTION C-C

JOINT STAKING DETAIL

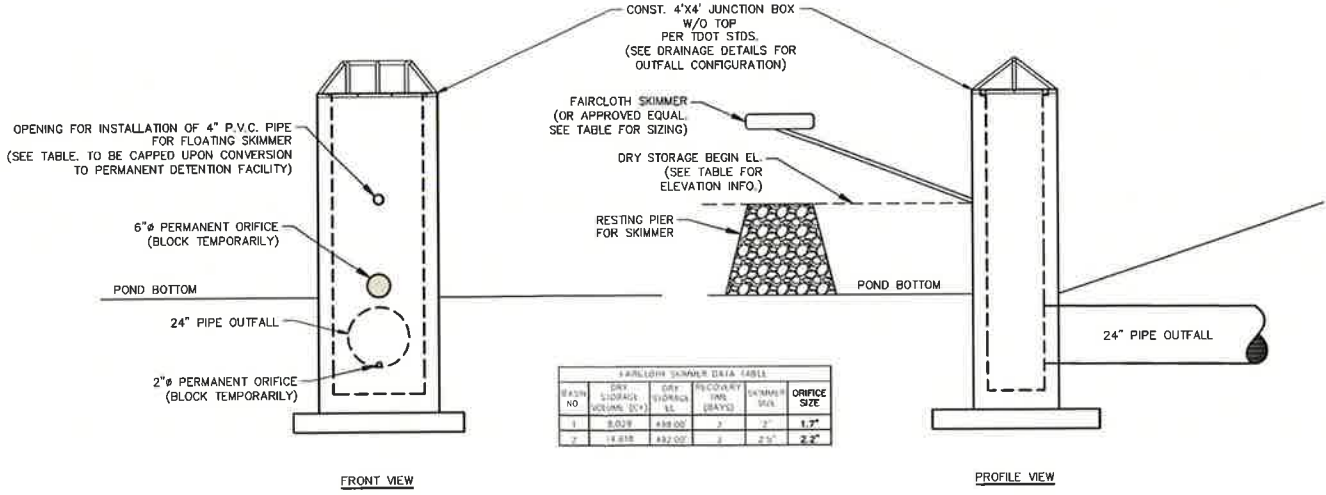
(DITCH APPLICATION ONLY)

SEDIMENT TUBE INSTALLATION DETAILS



SECTIONAL VIEW

SILT FENCE DETAIL



FRONT VIEW

PROFILE VIEW

SEDIMENT BASIN OUTFALL STRUCTURE DETAIL

N.T.S.

BAY NO.	DRY STORAGE (CU YD)	DRY STORAGE (CU YD)	RECOVERY (BAYS)	SKIMMER (BAYS)	ORIFICE SIZE
1	8.00	4.00	2	2	1.5"
2	14.00	7.00	2	2	2.25"

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DESIGNED BY :	HDW	CAD NAME :	2015003-CP
SCALE :	AS NOTED	PLOT DATE :	07/05/16

REVISIONS	DESCRIPTION	INT.	DATE

CLIENT :

LOVE'S TRAVEL STOPS
& COUNTRY STORES

PROJECT :

EASTVIEW, TN

SHEET TITLE :

S.W.P.P. &
EROSION CONTROL
PLAN DETAILS

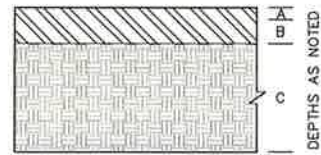


PROJ. NO. :	2015003
SHEET NO. :	C14

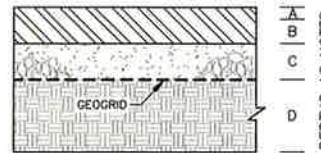
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ASPHALTIC PAVEMENT

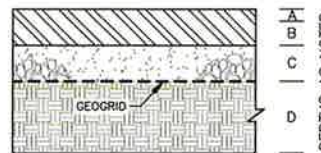
ALL PAVEMENT SECTION DESIGNS ARE TAKEN FROM THE GEOTECHNICAL INVESTIGATION REPORT AND ADDENDA AS PREPARED BY TERRACON TELEPHONE (901) 377-7325. REFERENCE THIS REPORT FOR COMPLETE DESIGN SPECIFICATION AND DETAILED RECOMMENDATIONS.



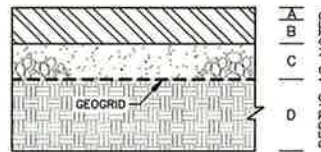
LIGHT DUTY



MEDIUM DUTY



HEAVY DUTY



EXTRA HEAVY DUTY

A. 3.0" ASPHALT SURFACE COURSE. 411 E $\frac{1}{2}$ " MIX, PG 64-22.
B. 6.0" AGGREGATE BASE COURSE. THE AGGREGATE BASE COURSE SHOULD CONFORM TO THE TENNESSEE DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," AS AN ALTERNATE TO THE AGGREGATE BASE, SOIL CEMENT CAN BE USED IN ACCORDANCE WITH SECTION 304 OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
C. 24.0" SUBBASE - UPPER 24 INCHES OF COMPACTED ENGINEERED FILL, COMPACTED TO AT LEAST 98 PERCENT OF THE STANDARD PROCTOR DENSITY AT MOISTURE CONTENT (WITHIN -1 TO +3 PERCENT OF ITS OPTIMUM MOISTURE).

A. 2.0" ASPHALT SURFACE COURSE. 411 E $\frac{1}{2}$ " MIX, PG 64-22.
B. 3.0" ASPHALT BASE COURSE. 411 D $\frac{1}{2}$ " MIX, PG 64-22.
C. 6.0" AGGREGATE BASE COURSE REINFORCED WITH GEOGRID LOCATED AT BOTTOM OF AGGREGATE BASE. THE AGGREGATE BASE COURSE SHOULD CONFORM TO THE TENNESSEE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS. SEE NOTE 3 BELOW.
D. 24.0" SUBBASE - UPPER 24 INCHES OF COMPACTED ENGINEERED FILL, COMPACTED TO AT LEAST 98 PERCENT OF THE STANDARD PROCTOR DENSITY AT MOISTURE CONTENT (WITHIN -1 TO +3 PERCENT OF ITS OPTIMUM MOISTURE).

A. 2.0" ASPHALT SURFACE COURSE. 411 E $\frac{1}{2}$ " MIX, PG 76-22P.
B. 4.5" ASPHALT BASE COURSE. 411 D $\frac{1}{2}$ " MIX, PG 76-22. TO BE CONSTRUCTED IN TWO EQUAL LIFTS OF 2.25".
C. 6.0" AGGREGATE BASE COURSE REINFORCED WITH GEOGRID LOCATED AT BOTTOM OF AGGREGATE BASE. THE AGGREGATE BASE COURSE SHOULD CONFORM TO THE TENNESSEE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS. SEE NOTE 3 BELOW.
D. 24.0" SUBBASE - UPPER 24 INCHES OF COMPACTED ENGINEERED FILL, COMPACTED TO AT LEAST 98 PERCENT OF THE STANDARD PROCTOR DENSITY AT MOISTURE CONTENT (WITHIN -1 TO +3 PERCENT OF ITS OPTIMUM MOISTURE).

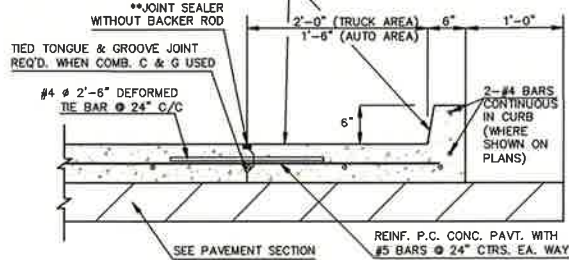
A. 2.0" ASPHALT SURFACE COURSE. 411 E $\frac{1}{2}$ " MIX, PG 76-22P.
B. 5.0" ASPHALT BASE COURSE. 411 D $\frac{1}{2}$ " MIX, PG 76-22P. TO BE CONSTRUCTED IN TWO EQUAL LIFTS OF 2.5".
C. 6.0" AGGREGATE BASE COURSE REINFORCED WITH GEOGRID LOCATED AT BOTTOM OF AGGREGATE BASE. THE AGGREGATE BASE COURSE SHOULD CONFORM TO THE TENNESSEE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS. SEE NOTE 3 BELOW.
D. 24.0" SUBBASE - UPPER 9 INCHES OF COMPACTED ENGINEERED FILL, COMPACTED TO AT LEAST 98 PERCENT OF THE STANDARD PROCTOR DENSITY AT MOISTURE CONTENT (WITHIN -1 TO +3 PERCENT OF ITS OPTIMUM MOISTURE).

* CONTRACTOR MAY ELECT TO USE A COMBINATION OF 6" ASPHALT BINDER & 6" AGGREGATE BASE FOR EXTRA HEAVY DUTY PAVEMENT.

FLEXIBLE PAVEMENT DESIGN NOTES:

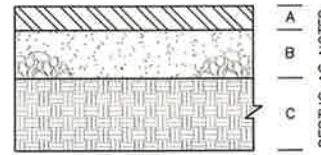
1. THE PAVEMENT SHOULD BE INSTALLED LATE IN CONSTRUCTION WHEN MOST HEAVY CONSTRUCTION TRAFFIC SUCH AS CONCRETE TRUCKS AND MATERIAL DELIVERY TRUCKS WILL NO LONGER COME ONSITE. IF DESIRED, A LAYER OF BASE COURSE CAN BE PLACED EARLIER TO PROVIDE A WORKING SURFACE. ANY BASE COURSE AREAS OBSERVED TO BE DAMAGED DURING CONSTRUCTION SHOULD BE REMOVED AND REPLACED PRIOR TO PLACING THE SURFACE COURSE.
2. PAVEMENT MATERIAL, MIX DESIGN, AND CONSTRUCTION SHOULD CONFORM TO THE TENNESSEE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.
3. GEOGRID MATERIAL WILL BE PROVIDED BY THE OWNER AND INSTALLED BY THE CONTRACTOR. CONTRACTOR IS TO PROVIDE OWNER WITH REQUIRED GEOGRID QUANTITY NEEDED FOR CONSTRUCTION AS SHOWN IN THE PLANS.

CONC. CURB (6" BARR. INTEGRAL) OR OPTIONAL CONSTRUCTION
2'-6" (TRUCK AREA) / 2'-0" (AUTO AREA) COMB. CURB & GUTTER
(6" BARR.)(3,000 PSI)

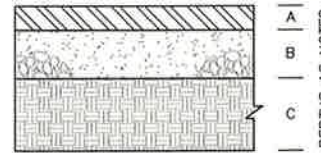


TYPICAL SECTION FOR PORTLAND CEMENT CONCRETE PARKING LOT PAVEMENT
N.T.S.

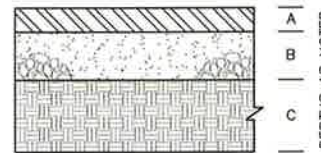
CONCRETE PAVEMENT



LIGHT DUTY



HEAVY DUTY



EXTRA HEAVY DUTY

A. 5.0" (UNLESS OTHERWISE SHOWN ON PLAN) PORTLAND REINFORCED CONCRETE PAVEMENT. PAVEMENT MATERIAL, MIX DESIGN, AND CONSTRUCTION SHOULD CONFORM TO THE TENNESSEE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.
B. 4.0" AGGREGATE BASE COURSE. THE AGGREGATE BASE COURSE SHOULD BE PLACED ON A STABLE SUBGRADE AND COMPACTED TO 100 PERCENT OF THE MATERIAL'S STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D698).
C. 24.0" SUBBASE - UPPER 24 INCHES OF COMPACTED ENGINEERED FILL, COMPACTED TO AT LEAST 98 PERCENT OF THE STANDARD PROCTOR DENSITY AT MOISTURE CONTENT (WITHIN -1 TO +3 PERCENT OF ITS OPTIMUM MOISTURE).

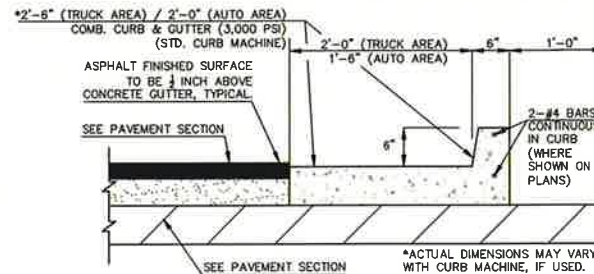
A. 9.0" (UNLESS OTHERWISE SHOWN ON PLAN) PORTLAND REINFORCED CONCRETE PAVEMENT. PAVEMENT MATERIAL, MIX DESIGN, AND CONSTRUCTION SHOULD CONFORM TO THE TENNESSEE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.
B. 4.0" AGGREGATE BASE COURSE. THE AGGREGATE BASE COURSE SHOULD BE PLACED ON A STABLE SUBGRADE AND COMPACTED TO 100 PERCENT OF THE MATERIAL'S STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D698).
C. 24.0" SUBBASE - UPPER 24 INCHES OF COMPACTED ENGINEERED FILL, COMPACTED TO AT LEAST 98 PERCENT OF THE STANDARD PROCTOR DENSITY AT MOISTURE CONTENT (WITHIN -1 TO +3 PERCENT OF ITS OPTIMUM MOISTURE).

A. 10.0" (UNLESS OTHERWISE SHOWN ON PLAN) PORTLAND REINFORCED CONCRETE PAVEMENT. PAVEMENT MATERIAL, MIX DESIGN, AND CONSTRUCTION SHOULD CONFORM TO THE TENNESSEE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.
B. 4.0" AGGREGATE BASE COURSE. THE AGGREGATE BASE COURSE SHOULD BE PLACED ON A STABLE SUBGRADE AND COMPACTED TO 100 PERCENT OF THE MATERIAL'S STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D698).
C. 24.0" SUBBASE - UPPER 24 INCHES OF COMPACTED ENGINEERED FILL, COMPACTED TO AT LEAST 98 PERCENT OF THE STANDARD PROCTOR DENSITY AT MOISTURE CONTENT (WITHIN -1 TO +3 PERCENT OF ITS OPTIMUM MOISTURE).

RIGID PAVEMENT DESIGN NOTES:

1. UNDERLYING THE PORTLAND CEMENT CONCRETE (PCC), WE RECOMMEND A MINIMUM OF 4-INCHES OF AGGREGATE BASE AND THE SUBGRADE SHOULD BE FREE DRAINING SAND, WHICH GENERALLY MEANS RESTRICTING THE FINES CONTENT TO LESS THAN 7 PERCENT. THE CONCRETE SHOULD HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AFTER 28 DAYS OF LABORATORY CURING PER ASTM C-31. ALL CONCRETE PAVEMENT SHOULD HAVE PROPER REINFORCEMENT, JOINTING, AND SAW-CUTTING PER AMERICAN CONCRETE INSTITUTE STANDARDS. RECOMMENDED MINIMUM PAVEMENT THICKNESSES ARE INCLUDED IN THE ABOVE TABLE.

DETAILS ON THIS SHEET WERE PROVIDED BY THE OWNER



TYPICAL SECTION FOR ASPHALT CONCRETE PARKING LOT PAVEMENT
N.T.S.

PAVEMENT NOTES:

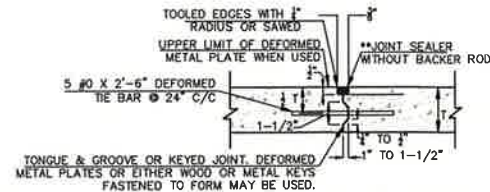
1. ALL STANDARD CONSTRUCTION METHODS AND MATERIALS SHOULD BE IN ACCORDANCE WITH THE TENNESSEE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS; LATEST EDITION.
2. PAVEMENT DESIGN IS BASED ON CBR=6 FOR A 20-YEAR DESIGN LIFE.
3. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI BE AIR-ENTRAINED, AND REINFORCED WITH 6-INCH X 6-INCH GAUGE WIRE MESH TO INHIBIT SHRINKAGE CRACKING.
4. CONTRACTION JOINTS SHOULD HAVE A MAXIMUM SPACING OF ABOUT 30 TIMES THE THICKNESS OF THE CONCRETE SLAB, AS PER, A.C.I.
5. TIE BARS ARE ALSO RECOMMENDED ALONG THE FIRST LONGITUDINAL JOINT FROM THE PAVEMENT EDGE TO KEEP THE OUTSIDE SLAB FROM SEPARATING FROM THE PAVEMENT.
6. THE AGGREGATE BASE COURSE (AB) RECOMMENDED SHOULD BE COMPACTED TO 98% (UNLESS OTHERWISE NOTED) OF THE MATERIAL'S STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D 698). THE EXPOSED SUBGRADE SHOULD NOT BE ALLOWED TO DRY OUT PRIOR TO BASE PLACEMENT. THE AB CONSTRUCTION SHOULD BE IN ACCORDANCE WITH THE TENNESSEE DEPARTMENT OF TRANSPORTATION SPECIFICATIONS.

SIDEWALK JOINT NOTES:

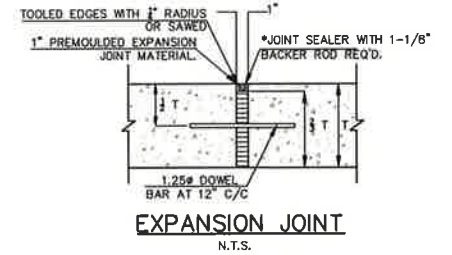
1. ALL JOINTS TO BE SEALED TO BE THOROUGHLY CLEANED BY HYDROBLASTING AND/OR SAND BLASTING METHODS. THE JOINTS ARE TO BE FREE FROM ALL DUST COATINGS, ANY CONTAMINATES, AND FREE FROM ALL MOISTURE THAT MIGHT INTERFERE WITH THE PROPER AND SATISFACTORY BONDING OF THE JOINT SEALANT MATERIAL. THE JOINT WILL BE BLOWN OUT WITH DRY COMPRESSED AIR IMMEDIATELY PRIOR TO APPLYING SEALANT.
2. CONSTRUCTION EQUIPMENT AND OTHER VEHICLES AND PEDESTRIANS THAT MAY CAUSE DAMAGE TO THE JOINTS SHALL NOT BE ALLOWED ON THE PAVEMENT AND SIDEWALKS BEFORE THE SEALANTS BECOMES TACK FREE.
3. USE $\frac{1}{2}$ " BY 4" EXPANSION JOINT MATERIAL ALONG SIDEWALK CURB AND ALONG BUILDING.
4. USE $\frac{3}{4}$ " BY 4" EXPANSION JOINT MATERIAL AROUND POLES OR OTHER OBSTRUCTIONS IN WALK AND FOR JOINTS SHOWN AS EXPANSION JOINTS ON THE PLAN VIEW OF THE SITE.
5. SIDEWALK EXPANSION JOINTS ARE NOT DOWELED

JOINT SEALANT NOTES:

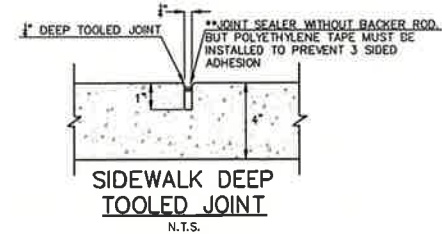
- **JOINT SEALERS FOR SIDEWALKS SHALL CONFORM TO THE FOLLOWING:
 - (1) LOW MODULUS SILICON JOINT SEALANT, MACHINE EXTRUDED OR APPLIED BY GUN. GREY IN COLOR, JOINT SEALERS FOR PARKING LOT PAVEMENT SHALL CONFORM TO THE FOLLOWING:
 - (1) LOW MODULUS SILICON JOINT SEALANT, MACHINE EXTRUDED OR APPLIED BY GUN. FOR SLAB, SEALANT SHALL BE DOW CORNING 890 SL, DOW CORNING 888 OR EQUAL (JOINT MUST BE TOOLED). FOR CURBS, SEALANT SHALL BE DOW CORNING 888 OR EQUAL (JOINT MUST BE TOOLED).



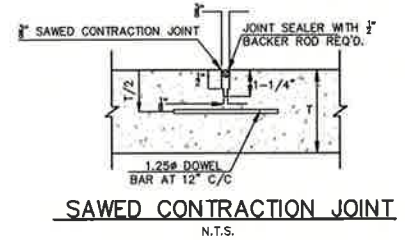
TIED TONGUE & GROOVE JOINT
N.T.S.



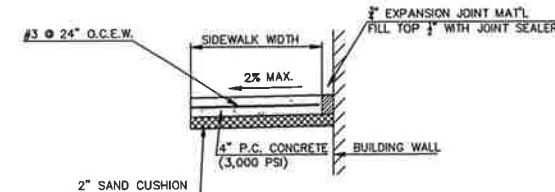
EXPANSION JOINT
N.T.S.



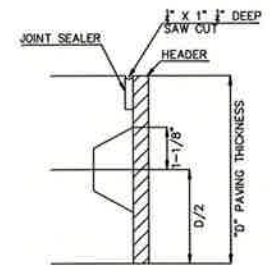
SIDEWALK DEEP TOOLED JOINT
N.T.S.



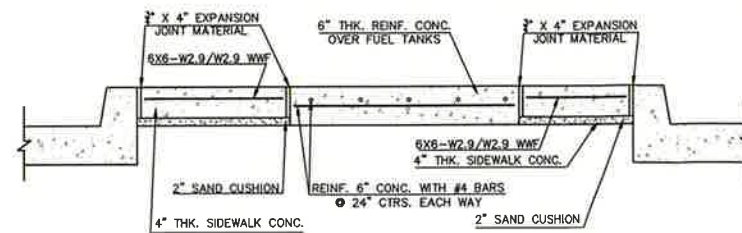
SAWED CONTRACTION JOINT
N.T.S.



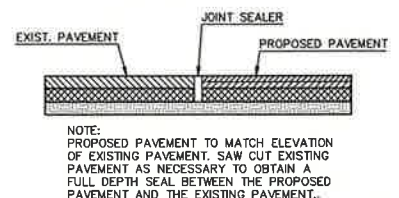
BUILDING EXPANSION JOINT DETAIL
N.T.S.



OPTIONAL RECESS FORM KEYWAY
N.T.S.



SECTION THRU PARKING OVER FUEL TANKS
N.T.S.



PAVEMENT TRANSITION DETAIL
N.T.S.

Chipola Engineering Group, Inc.



CIVIL ENGINEERING, DESIGN, PLANNING,
ENVIRONMENTAL PERMITTING, &
CONSTRUCTION SERVICES
4420 JACKSON STREET, MARIANNA, FL 32448
PHONE (850) 372-4045
CERTIFICATE OF AUTHORIZATION NO. : 30579

DRAWN BY :
ECW
CHECKED BY :
HDW
DESIGNED BY :
HDW
SCALE :
AS NOTED

DATE :
9/17/13
DATE :
1/8/14
CAD NAME :
2015003-CP
PLOT DATE :
07/05/16

REVISIONS		
DESCRIPTION	INT.	DATE

CLIENT :

LOVE'S TRAVEL STOPS
& COUNTRY STORES

PROJECT :

EASTVIEW, TN

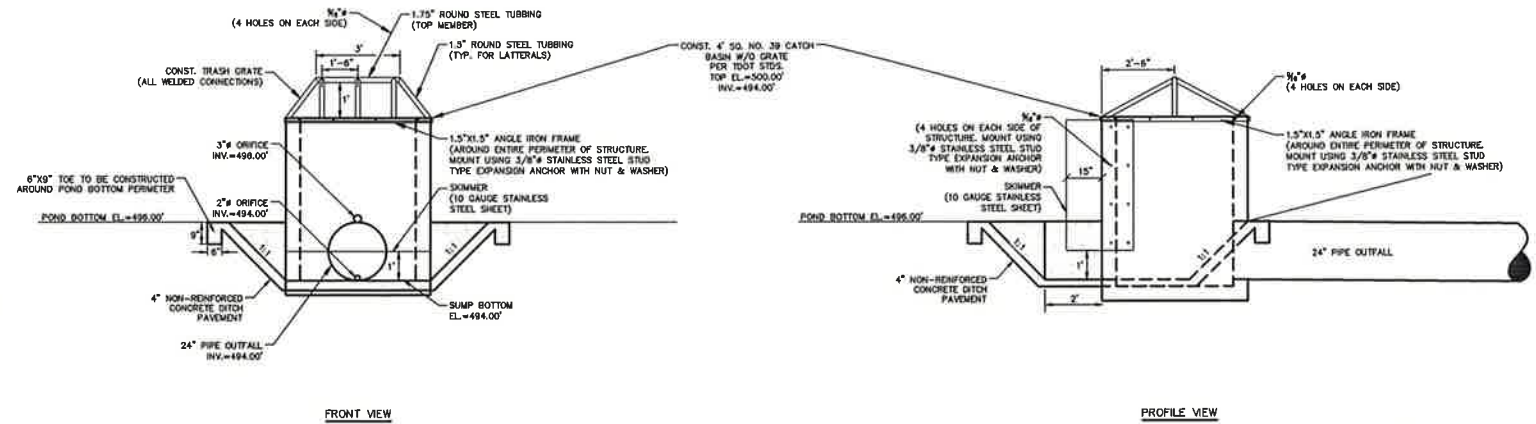
SHEET TITLE :

PAVEMENT DETAILS

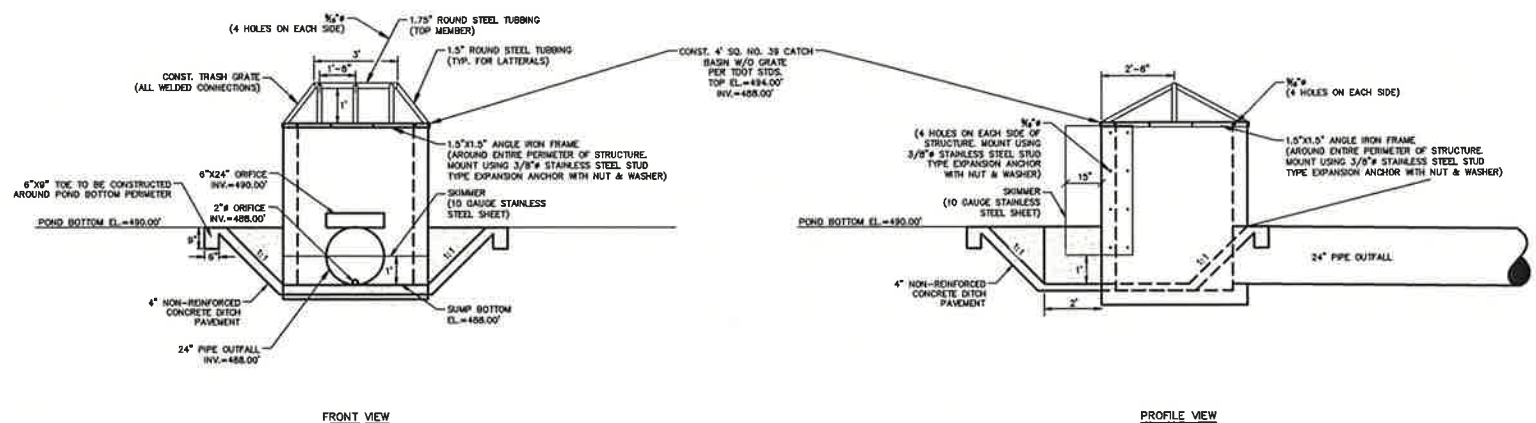


PROJ. NO. :
2015003
SHEET NO. :
C15

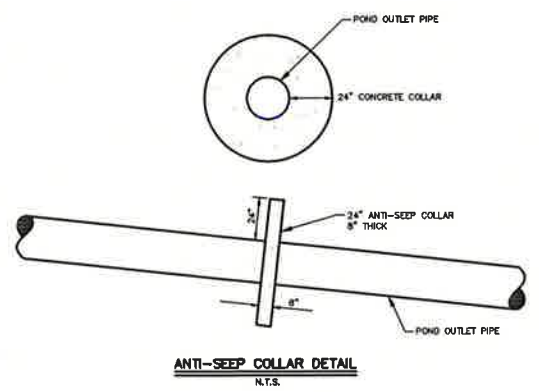
FOR PERMITTING ONLY



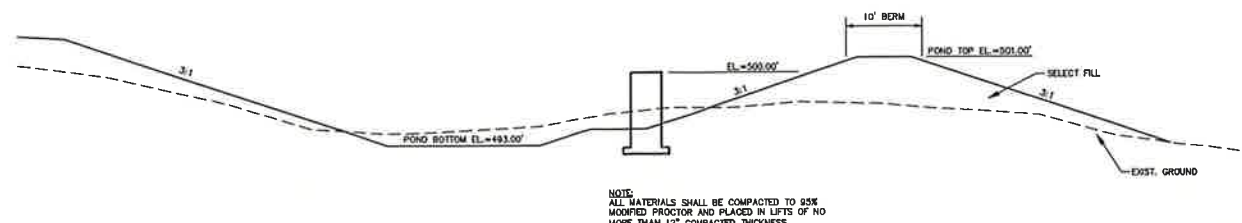
PO-1 POND 1 OUTFALL STRUCTURE DETAIL
N.T.S.



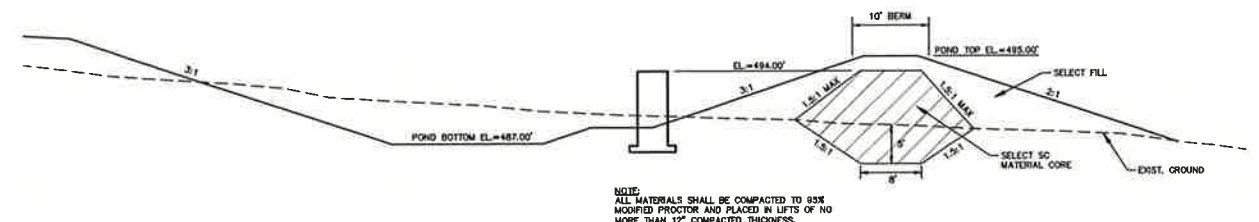
PO-2 POND 2 OUTFALL STRUCTURE DETAIL
N.T.S.



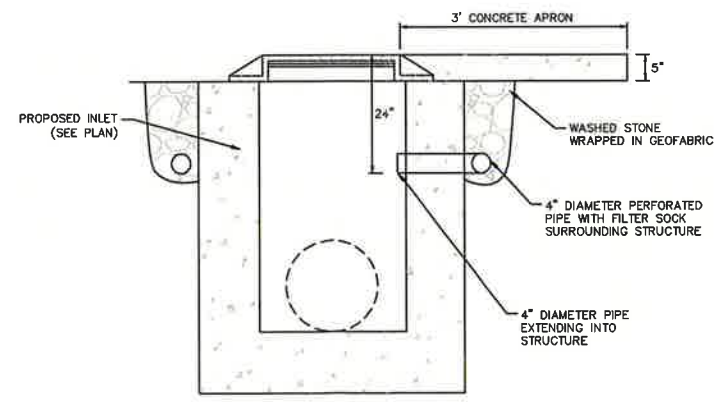
ANTI-SEEP COLLAR DETAIL
N.T.S.



POND 1 - TYPICAL SECTION
N.T.S.



POND 2 - TYPICAL SECTION
N.T.S.



DROP INLET SUBGRADE DRAINAGE DETAIL

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CERTIFICATE OF AUTHORIZATION NO. : 30579

DRAWN BY :	ECW	DATE :	1/6/13
CHECKED BY :	HDW	DATE :	1/8/14
DESIGNED BY :	HDW	CAD NAME :	2015003-CP
SCALE :	AS NOTED	PLOT DATE :	07/05/16

REVISIONS		INT.	DATE
DESCRIPTION	INT.	DATE	
SEE COVER SHEET	HDW	8/15/16	

CLIENT : LOVE'S TRAVEL STOPS & COUNTRY STORES

PROJECT : EASTVIEW, TN

SHEET TITLE : STORMWATER POND & DRAINAGE DETAILS

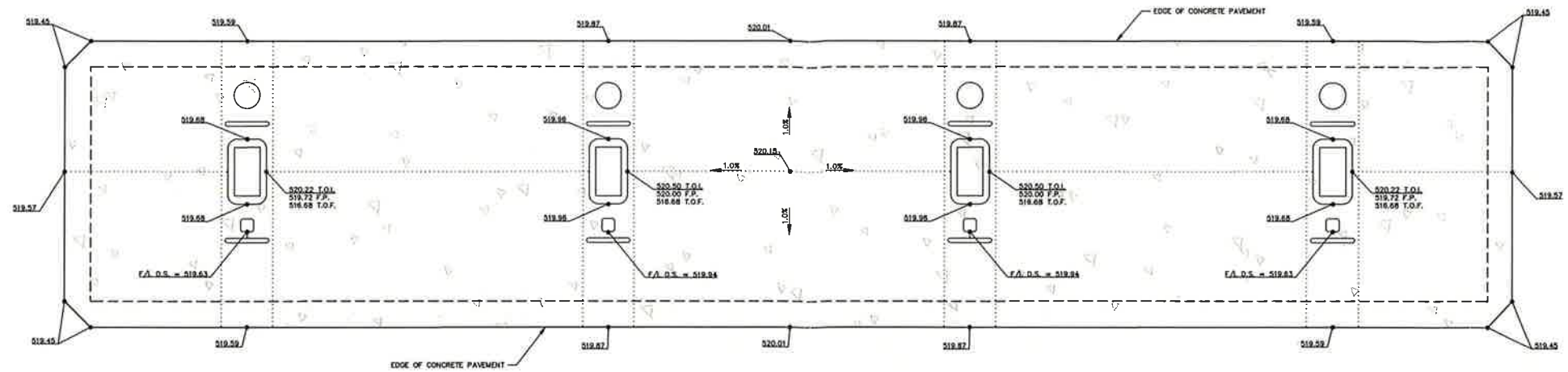


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PROJ. NO. : 2015003

SHEET NO. : C16

LOVE'S COUNTRY
STORE BUILDING



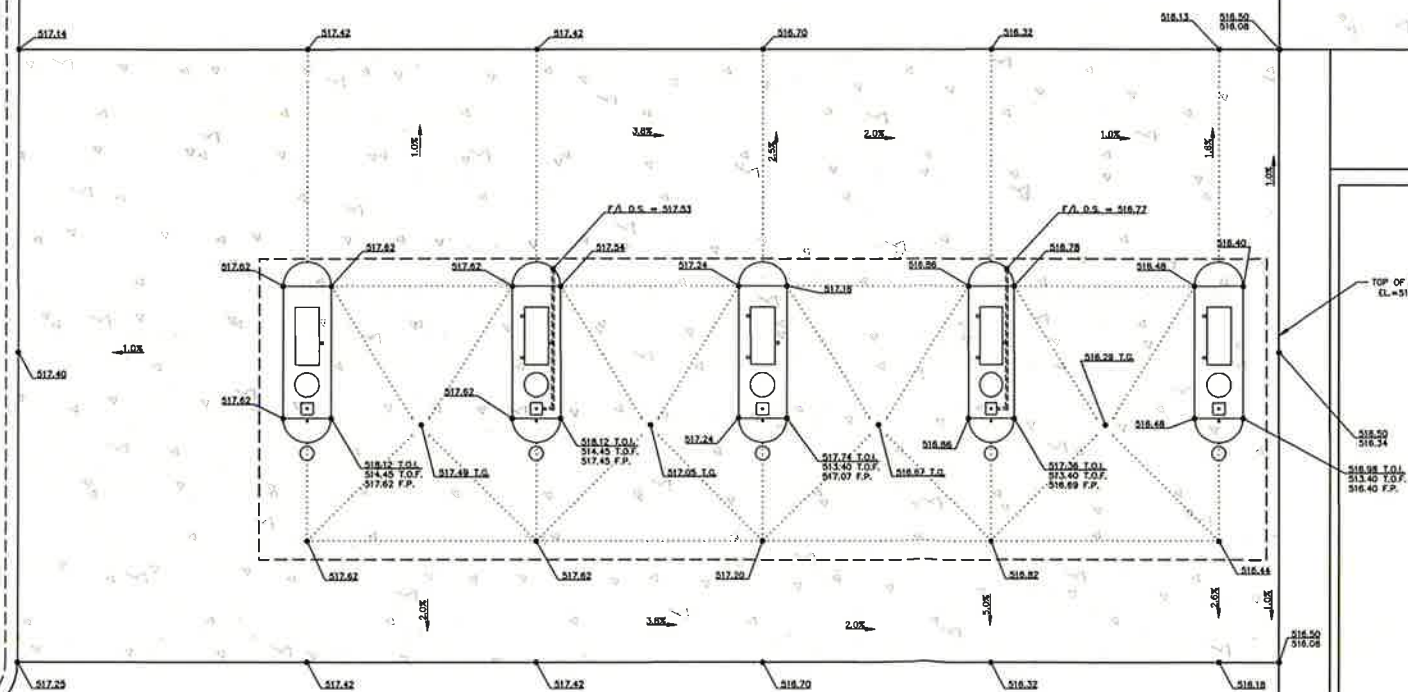
SPOT ELEVATIONS FOR GASOLINE ISLANDS
SCALE: 1"=6'

- NOTES:**
1. THE GRADING DESIGN FOR FINISHED PAVEMENT GRADES IS SHOWN HEREIN.
 2. THE STRUCTURAL DESIGN FOR THE CANOPIES AND DESIGN FOR THE CANOPY FOOTINGS ARE DESIGNED BY OTHERS AND ARE SHOWN HERE FOR INFORMATIONAL PURPOSES ONLY.
 3. THE FUEL SYSTEM IS DESIGNED BY OTHERS. THE FUEL SYSTEM PLAN LAYOUT IS SHOWN FOR INFORMATIONAL PURPOSES ONLY.
 4. THE CONTRACTOR SHALL ENSURE THAT THE MINIMUM CURB HEIGHT AT THE FUEL DISPENSER ISLAND IS 6-INCHES MINIMUM.
 5. REFERENCE PAVEMENT DESIGNS SHOWN ON THE PAVEMENT DETAIL SHEET.

LEGEND OF ABBREVIATIONS:

T/C - TOP OF CURB
F/L - FLOWLINE OF GUTTER PLATE
T.O.I. - TOP OF PUMP ISLAND
T.O.F. - TOP OF FOOTING
F/A D.S. - FLOWLINE OF DOWN SPOUT
T.G. - TOP OF INLET GRATE
F.P. - FINISHED PAVEMENT

LOVE'S COUNTRY
STORE BUILDING



SPOT ELEVATIONS FOR DIESEL ISLANDS
SCALE: 1"=8'

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CERTIFICATE OF AUTHORIZATION NO. : 30579

DRAWN BY : BRH
CHECKED BY : HDW
DESIGNED BY : HDW
SCALE : AS NOTED
DATE : 6/20/16
DATE : 6/23/16
CAD NAME : 2015003-CP
PLOT DATE : 07/05/16

REVISIONS		
DESCRIPTION	INT.	DATE

CLIENT :

LOVE'S TRAVEL STOPS
& COUNTRY STORES

PROJECT :

EASTVIEW, TN

SHEET TITLE :

CANOPY DETAILS



PROJ. NO. :
2015003
SHEET NO. :
C17